



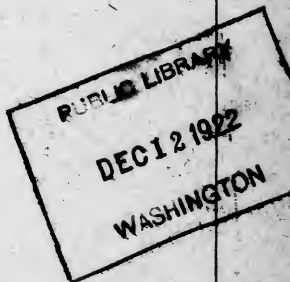
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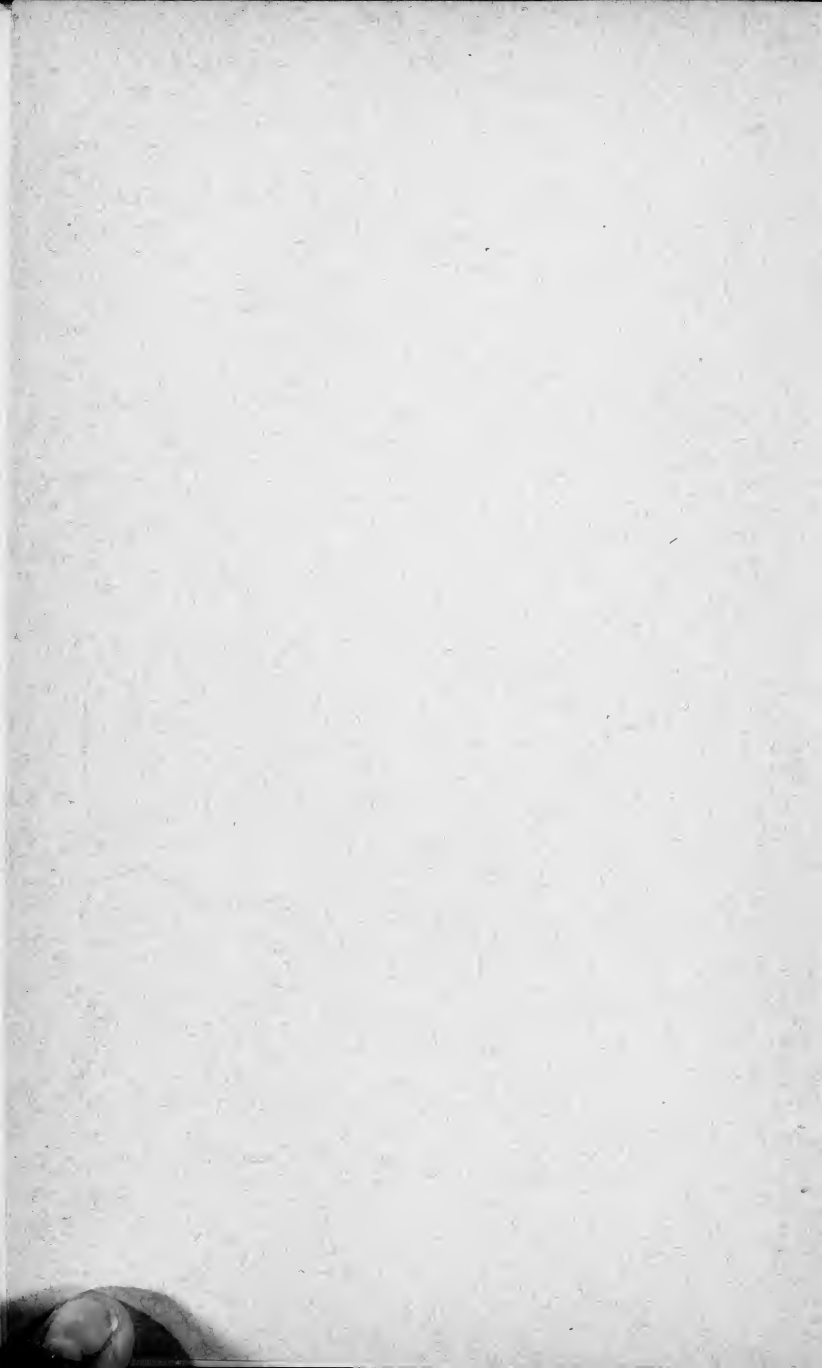
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ANNUAL REPORT OF THE  
COMMISSIONERS OF THE  
DISTRICT OF COLUMBIA  
YEAR ENDED JUNE 30, 1922

Vol. III  
REPORT OF  
THE HEALTH OFFICER



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
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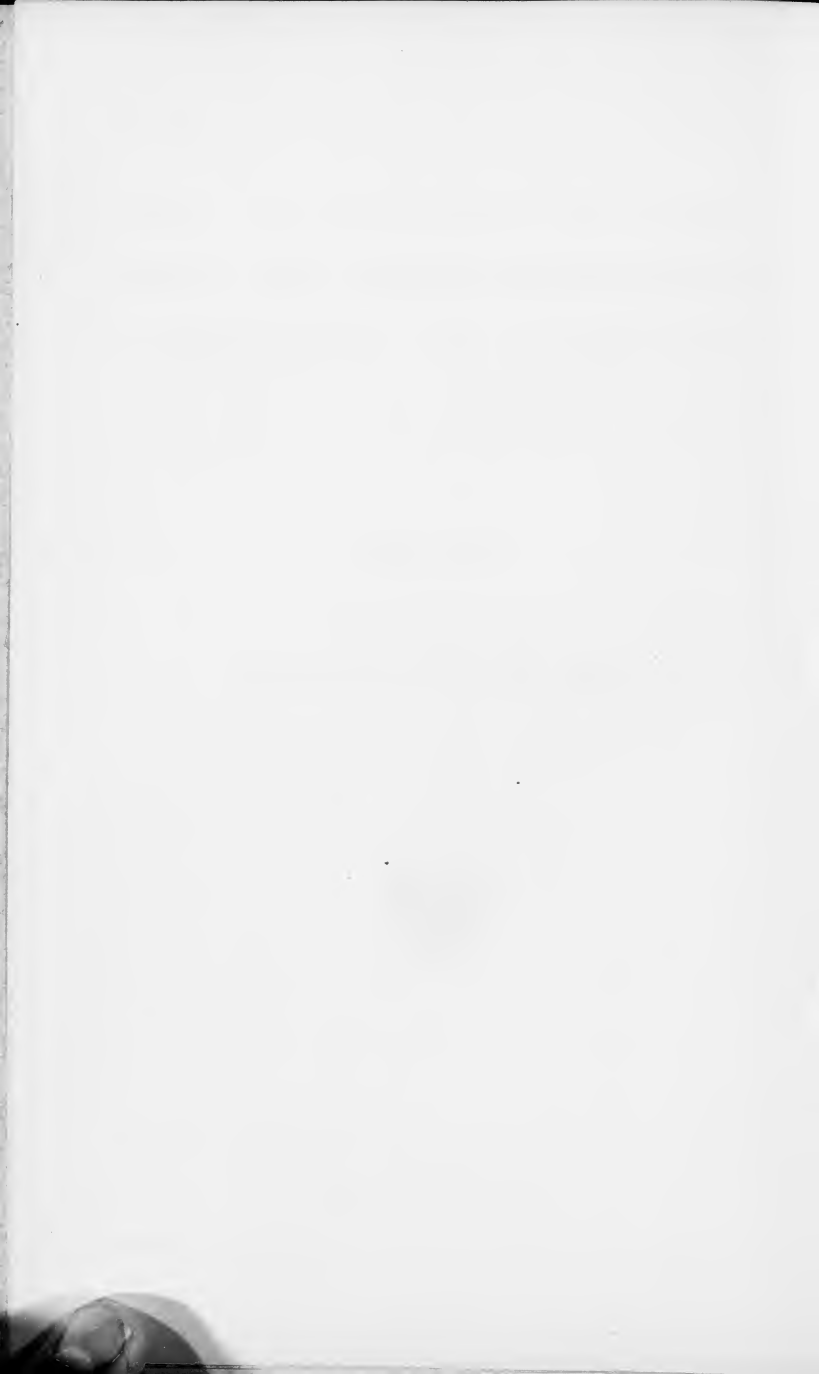
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# CONTENTS.

	Page.
Public health in the District of Columbia.....	5
Population.....	5
General birth rates and death rates.....	5
Births and stillbirths.....	6
Statistics of illness and deaths.....	8
General mortality.....	8
Infant mortality.....	8
Deaths from the more important diseases.....	8
Reportable diseases.....	9
Disposal of the dead.....	9
Cremation.....	10
Communicable diseases of animals.....	10
Administration.....	11
Bureau of preventable diseases.....	11
Smallpox hospital, quarantine station, and leper hospital.....	11
Ambulance service.....	11
Isolation wards at Garfield Memorial and Providence Hospitals.....	12
Typhoid fever.....	12
Disinfecting service.....	12
Public crematorium.....	12
Bacteriological laboratory.....	13
Serological laboratory.....	13
Bathing pools.....	13
Wells and water supplies.....	13
Theaters.....	13
Milk and cream.....	13
Diphtheria antitoxin.....	14
Dispensaries.....	14
Medical and dental inspection of public schools.....	14
Bureau of food inspection.....	16
Dairy farm inspection.....	16
Chemical control of foods other than milk.....	18
Slaughterhouse inspection.....	19
Bureau of sanitary inspection.....	19
Enforcement of the weed law.....	19
Smoke inspection.....	20
Sanitary inspection of places of employment.....	20
Private hospitals and asylums.....	20
Eight-hour female labor law.....	20
Child Welfare Society.....	20
Pound service.....	22
Bureau of administration.....	22
Bureau of vital statistics.....	22

## APPENDIX.

A. Vital statistic tables.....	23
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# REPORT OF HEALTH OFFICER.

## HEALTH DEPARTMENT.

Washington, August 29, 1922.

GENTLEMEN: I respectfully submit the following report of the activities of the health department for the fiscal year 1922. On account of the limited appropriation for the printing of the annual report, it has again been found necessary to omit from the report much valuable information and data which in former years has been furnished.

### PART I.

#### PUBLIC HEALTH IN THE DISTRICT OF COLUMBIA DURING THE CALENDAR YEAR 1921.

In the appendix of the report will be found certain detailed statistics relating to births, stillbirths, deaths, and cases of reportable diseases. This appendix must be referred to for information not found in the body of the report.

#### POPULATION.

The estimated population of the District of Columbia, as compiled by the United States Bureau of the Census, for the year 1921 is 454,026, the whites numbering 341,662 and the colored 112,364. The birth rates, stillbirth rates, death rates, and morbidity rates for the calendar year 1921 are based on this population.

#### GENERAL BIRTH RATES AND DEATH RATES.

The following table gives the population and the number of births, stillbirths, and deaths recorded during the calendar year 1921, with similar data for previous years:

*Population, births, stillbirths, and deaths in the District of Columbia, with corresponding rates during the calendar years 1901-1921, inclusive.*

Calendar year.	Popula- tion.	Births.	Still- births.	Deaths.	Rate per 1,000.		
					Births.	Still- births.	Deaths.
1901-1905 <sup>1</sup> .....	311,325	5,409	570	6,042	17.38	1.83	19.41
1906-1910 <sup>1</sup> .....	336,940	6,900	577	6,304	20.48	1.71	18.71
1911-1915 <sup>1</sup> .....	353,443	7,028	478	6,188	19.88	1.35	17.50
1916-1920 <sup>1</sup> .....	413,270	8,025	484	7,120	19.41	1.17	17.23
1921.....	454,026	9,028	501	6,057	19.88	1.10	13.34

<sup>1</sup> Average for 5-year period.

*Births.*—In the following table will be found an analysis of registered live births and stillbirths according to race:

*Nativity in the District of Columbia, by years and by race, during the calendar years 1906-1921, inclusive.*

Calendar year.	Births and stillbirths registered.				Rate per 1,000 of corresponding population.		
	White.	Colored.	Un-known.	Total.	White.	Colored.	Total.
1906-1910 <sup>1</sup> .....	4,832	2,583	62	7,427	20.1	26.7	22.2
1911-1915 <sup>1</sup> .....	4,962	2,483	61	7,506	19.5	25.3	21.0
1916-1920 <sup>1</sup> .....	5,956	2,502	51	8,509	19.3	23.6	20.6
1921.....	6,673	2,811	45	9,529	19.5	25.0	23.9

<sup>1</sup> Average for 5-year period.

*Stillbirths in the District of Columbia, relative frequency of, with reference to race, during the calendar years 1906-1921, inclusive.*

Calendar year.	Registered stillbirths.				Rate per 1,000.		
	White.	Colored.	Un-known.	Total.	White.	Colored.	Total.
1906-1910 <sup>1</sup> .....	200	315	62	577	0.8	3.2	1.7
1911-1915 <sup>1</sup> .....	168	250	61	478	.7	2.5	1.3
1916-1920 <sup>1</sup> .....	210	223	51	484	.7	2.1	1.2
1921.....	225	231	45	501	.7	2.1	1.1

<sup>1</sup> Average for 5-year period.

*Percentage of stillbirths of each class named below computed upon the basis of all live and stillbirths together for each class.*

Calendar year.	By race.			Social status.	
	White.	Colored.	Total.	Legitimate.	Illegitimate.
1906-1910 <sup>1</sup> .....	4.1	12.2	7.7	5.6	14.9
1911-1915 <sup>1</sup> .....	3.4	10.0	6.4	4.8	12.6
1916-1920 <sup>1</sup> .....	3.5	8.9	5.7	4.6	12.2
1921.....	3.4	8.2	5.3	4.3	11.1

<sup>1</sup> Average for 5-year period.

*Stillbirths in the District of Columbia, relative frequency of, in home and hospital practice during the calendar year 1921.*

Place of birth.	White.			Colored.			Total.		
	Live births.	Still-births.	Per-cent- age of still to live and still- births.	Live births.	Still- births.	Per- cent- age of still to live and still- births.	Live births.	Still- births.	Per- cent- age of still to live and still- births.
Institutions.....	3,791	130	3.3	988	87	8.1	4,779	217	4.3
Homes.....	2,637	95	3.4	1,592	144	8.3	4,249	239	5.3
Total.....	6,448	225	3.4	2,580	231	8.2	9,028	456	4.8

Unknown race reported by coroner; presumably "home births."

*Stillbirths in the District of Columbia, according to professional attendance, relative frequency of, in home and hospital practice during calendar year 1921.*

Attended by—	Confined at home.		Confined at hospital.		Percentage of still to live births and stillbirths.		
	Live births.	Stillbirths.	Live births.	Stillbirths.	Homes.	Hospitals.	Homes and hospitals.
Physicians.....	3,856	234	4,779	217	5.7	4.3	5.0
Midwives.....	393	5	-----	-----	1.3	-----	-----
Unknown.....	-----	145	-----	-----	-----	-----	-----
Total.....	4,249	284	4,779	217	6.3	4.3	5.0

<sup>1</sup> Certified by coroner "unknown" presumably home births.

*Illegitimacy in the District of Columbia, prevalence of, by years and by race, during the calendar years 1906-1921, inclusive.*

	Illegitimate births and stillbirths registered.				Rates per 1,000 corresponding population.			Percentage of all births and stillbirths reported as illegitimate.		
	White.	Colored.	Unknown.	Total.	White.	Colored.	Total.	White.	Colored.	Total.
1906-1910 <sup>1</sup> .....	110	572	-----	682	0.5	5.9	2.0	2.3	22.1	9.2
1911-1915 <sup>1</sup> .....	111	541	67	719	.4	5.5	2.1	2.2	21.7	9.6
1916-1920 <sup>1</sup> .....	112	452	52	616	.4	4.3	1.5	1.9	18.1	7.2
1921.....	136	467	45	648	.4	4.2	1.4	2.0	16.6	6.8

<sup>1</sup> Average for 5-year period.

*Illegitimacy in the District of Columbia; ages of mothers of illegitimate children whose births and stillbirths were recorded during the calendar years 1911-1921, inclusive.*

Calendar year.	Age of mothers.													
	12	13	14	15	16	17	18	19	20	Total under 21	21 and over.	Age not stated.	Total.	
1911.....		3	4	17	33	49	54	51	46	257	204	182	643	
1912.....		1	7	19	52	77	90	76	57	379	225	170	774	
1913.....		1	4	29	55	80	98	82	62	412	275	6	693	
1914.....		1	8	15	53	67	106	62	49	361	215	29	605	
1915.....		1	7	18	51	80	84	66	60	367	233	14	614	
1916.....		1	9	18	50	64	72	81	43	338	200	17	555	
1917.....			8	25	39	78	93	62	62	367	213	17	597	
1918.....		1	7	20	39	49	42	58	41	257	148	24	429	
1919.....		1	6	22	43	54	62	62	28	278	191	27	496	
1920.....				13	22	38	83	62	51	38	307	194	30	531
1921.....		3	7	23	38	58	66	53	57	305	206	25	536	

*Midwives and lying-in hospitals in the District of Columbia: Live births reported by midwives and from institutions during the calendar years 1906-1921, inclusive.*

Calendar year.	Number reported.			Percentage reported.	
	Total.	From institutions.	By midwives.	From institutions.	By midwives.
1906-1910 <sup>1</sup> .....	6,900	1,286	1,295	18.6	18.8
1911-1915 <sup>1</sup> .....	7,028	1,998	828	28.4	11.8
1916-1920 <sup>1</sup> .....	8,025	3,675	492	45.8	6.1
1921.....	9,028	4,779	393	52.9	4.3

<sup>1</sup> Average for 5-year period.

## STATISTICS OF ILLNESS AND DEATHS.

*General mortality.*—It is very gratifying to note that 406 less deaths occurred during the calendar year 1921 than during the preceding year. The total number of deaths recorded during the year just closed was 6,057, of which 3,978 were white and 2,079 colored. These figures show a death rate of 13.34, which is the lowest rate ever recorded in this District. The lowest previous record was in 1919, when the death rate was 13.99.

*Racial population, deaths, and death rates in the District of Columbia, by calendar years, from 1901 to 1921, inclusive.*

Years.	Population.		Deaths.		Death rates.	
	White.	Colored.	White.	Colored.	White.	Colored.
1901-1905 <sup>1</sup> .....	217,606	93,719	3,395	2,647	15.60	28.20
1906-1910 <sup>1</sup> .....	240,244	96,696	3,626	2,678	15.09	27.69
1911-1915 <sup>1</sup> .....	255,162	98,281	3,665	2,523	14.36	25.67
1916-1920 <sup>1</sup> .....	307,076	106,194	4,512	2,608	14.76	24.70
1921.....	341,662	112,364	3,978	2,079	11.64	18.50

<sup>1</sup> Average for 5-year period.

*Infant mortality.*—The number of deaths of infants under 1 year of age occurring during the calendar year 1921 was 83 to each 1,000 of births reported. These figures, like that of the general death rate, are the lowest ever recorded in this department.

The following table shows the most potent causes of death during the calendar year 1921, arranged in order of the gravity of their influence on death rates:

*Most potent causes of death in the District of Columbia during the calendar year 1921, arranged in order of relative influence on the death rate per 100,000, and the annual average for five-year periods from 1906 to 1920, inclusive.*

Causes of death.	1921		Annual average.					
			1906-1910		1911-1915		1916-1920	
	Deaths.	Death rate.	Deaths.	Death rate.	Deaths.	Death rate.	Deaths.	Death rate.
Organic heart disease.....	690	152	509	169	738	208	727	176
Pneumonia (all forms).....	549	121	554	163	547	155	808	196
Malignant growths.....	497	109	276	82	339	96	409	99
Bright's disease.....	495	109	442	131	545	154	549	133
Pulmonary tuberculosis.....	463	102	749	222	687	194	588	142
Cerebral hemorrhage (apoplexy).....	463	102	327	97	413	117	491	119
Accidents.....	261	57	264	74	234	66	281	68
Prematurity.....	240	53	215	64	204	58	218	53
Arteriosclerosis.....	183	40	84	25	120	34	176	42
Endo and myocarditis, acute.....	159	35	72	21	57	16	146	35
Diarrheal diseases (under 2 years).....	119	25	305	91	192	54	180	44
Suicides.....	84	18	71	21	81	23	68	16
Appendicitis.....	76	17	33	10	41	11	50	12
Bronchitis.....	72	16	128	38	93	26	74	18
Diabetes.....	69	15	41	12	58	16	66	16
Nephritis, acute.....	67	15	59	18	68	19	73	18
Diphtheria.....	57	13	32	10	24	7	58	14
Homicides.....	57	13	26	7	29	8	49	12
Diarrheal diseases (2 years and over).....	55	12	72	21	63	18	68	16
Senility.....	45	10	200	59	156	44	95	23
General paralysis of insane.....	40	9	33	10	53	15	66	16
Grippe (influenza).....	34	8	96	28	71	20	583	141

*Reportable diseases.*—The following table shows the prevalence of reportable diseases:

*Reportable diseases in the District of Columbia: Cases, case rates, deaths, percentage of fatalities, and death rates during the calendar years 1918, 1919, 1920, and 1921.*

Diseases.	Cases.				Case rate per 100,000.				Deaths.			
	1918	1919	1920	1921	1918	1919	1920	1921	1918	1919	1920	1921
Anterior poliomyelitis.....	2	10	4	40	5	2	9	9	-----	-----	2	7
Chicken pox.....	728	1,213	1,248	1,140	174	268	285	251	-----	-----	-----	-----
Diphtheria.....	517	1,105	717	935	124	257	164	206	39	119	64	57
Cerebrospinal meningitis (epidemic).....	118	11	6	8	28	3	1	2	28	8	3	4
Measles.....	6,999	182	581	4,157	1,677	41	133	916	48	1	2	11
Pellagra.....	14	12	5	5	3	2	1	1	9	10	5	3
Scarlet fever.....	883	643	774	853	212	146	177	188	16	3	8	9
Smallpox.....	48	173	89	66	12	38	20	15	-----	1	-----	0
Tuberculosis (communicable).....	1,140	1,209	1,189	1,267	273	265	272	279	690	600	573	369
Typhoid fever.....	217	150	159	195	72	33	36	43	48	16	29	29
Whooping cough.....	1,749	905	1,207	1,093	419	199	28	241	43	19	16	10

Diseases.	Percentage of deaths to cases.				Death rate per 100,000.			
	1918	1919	1920	1921	1918	1919	1920	1921
Anterior poliomyelitis.....	-----	-----	50.0	17.5	-----	-----	0.5	2
Chicken pox.....	-----	-----	-----	-----	-----	-----	-----	13
Diphtheria.....	7.5	10.2	8.9	6.1	9	26.0	15.0	1
Cerebrospinal meningitis (epidemic).....	23.7	61.5	50.0	50.0	7	2.0	.7	2
Measles.....	.7	.5	.3	.2	12	.2	.4	1
Pellagra.....	64.3	83.3	100.0	60.0	2	2.0	1.0	1
Scarlet fever.....	1.8	.4	1.0	1.1	4	.7	2.0	2
Smallpox.....	-----	.6	-----	0	-----	.2	-----	0
Tuberculosis (communicable).....	60.5	49.6	48.2	29.1	165	132.0	131.0	51
Typhoid fever.....	22.1	10.6	18.2	14.9	12	4.0	7.0	6
Whooping cough.....	2.5	2.2	1.3	.9	10	4.0	4.0	2

#### DISPOSAL OF THE DEAD.

The ultimate disposal of the dead in the District of Columbia during the year ending December 31, 1921, is shown in the following table:

*Disposal of dead bodies, exclusive of stillbirths, coming under the supervision of the health department during the calendar year 1921.*

	Died in District of Columbia.	Died outside of District of Columbia and brought in for disposal.	Total.
Sent out of the District of Columbia:			
To Arlington.....	315	72	387
To other places.....	1,684	91	1,775
Total.....	1,999	163	2,162
Cremated:			
Lee's crematory.....	40	20	60
Municipal crematory.....	208	11	219
Total.....	248	31	279
Buried in District of Columbia.....	3,757	542	4,299
Anatomical board.....	53	0	53
Total.....	3,810	542	4,352
Total disposed of.....	6,057	736	6,793



*Cremations*.—The following table shows the progress of cremation in the District of Columbia:

*Progress of cremation in the District of Columbia, calendar years 1901–1921, inclusive.*

Calendar year.	Bodies cremated. <sup>1</sup>				
	Total deaths.	Lee's crematory.	District of Columbia crematory.	Total	Percentage of cremations.
1901.....	6,059	27	.....	27	0.45
1902.....	5,788	21	.....	21	.36
1903.....	5,944	41	.....	41	.69
1904.....	6,221	20	.....	20	.32
1905.....	6,205	43	.....	43	.69
1906.....	6,316	41	.....	41	.65
1907.....	6,343	50	.....	50	.79
1908.....	6,136	54	245	99	1.61
1909.....	6,216	50	316	366	5.88
1910.....	6,511	48	334	382	5.87
1911.....	6,303	52	319	371	5.89
1912.....	6,259	52	323	375	5.99
1913.....	6,006	57	295	352	5.86
1914.....	5,866	59	230	289	4.93
1915.....	6,505	67	298	365	5.61
1916.....	6,494	53	272	325	5.00
1917.....	6,687	59	277	336	5.00
1918.....	9,582	79	275	354	3.69
1919.....	6,372	54	230	284	4.46
1920.....	6,463	64	222	286	4.42
1921.....	6,057	60	219	279	4.61

<sup>1</sup> Stillbirths excluded.

<sup>2</sup> Began to operate October, 1908.

#### COMMUNICABLE DISEASES OF ANIMALS.

*Rabies*.—Information concerning the prevalence of rabies in the District of Columbia, during the calendar year 1921, will be found in the following table:

*Rabies in the District of Columbia during the calendar year 1921 together with corresponding data for the preceding year.*

	Calendar year.	
	1920	1921
Dogs reported to the health department as rabid or suspected of being rabid.....	24	20
Other animals reported as rabid or suspected of being rabid.....	3	3
Instances in which diagnosis of rabies was confirmed by post-mortem findings of the Bureau of Animal Industry.....	9	13
Persons bitten by dogs or cats rabid or suspected of being rabid.....	18	14
Domestic animals bitten by dogs, rabid or suspected of being rabid (1920, 2 dogs and 2 horses; 1921, 2 dogs and 2 horses).....	4	4
Persons bitten by dogs and cats and other animals known to be rabid, as shown by post-mortem findings of the Bureau of Animal Industry.....	5	10

In view of the continued prevalence of rabies in the District of Columbia, the commissioners on June 17, 1921, renewed, their proclamation requiring the muzzling of all dogs running at large. The proclamation became effective July 9, 1921, and continued for a period of three months only instead of one year as previously.

## PART II.

## ADMINISTRATION.

## SUPERVISION.

## BUREAU OF PREVENTABLE DISEASES.

The amount and character of the work done in the contagious disease service, during the fiscal year 1922, is shown in the following table:

*Reportable diseases in the District of Columbia: Cases reported during the fiscal year 1921-22.*

Diseases.	Fiscal year.	
	1921	1922
Anterior poliomyelitis.....	7	39
Chickenpox.....	1, 162	1, 298
Diphtheria.....	735	898
Epidemic cerebrospinal meningitis.....	7	3
Leprosy.....	1	.....
Measles.....	4, 188	544
Pellagra.....	3	5
Scarlet fever.....	908	503
Smallpox.....	51	93
Tuberculosis.....	1, 203	1, 389
Typhoid fever.....	191	221
Whooping cough.....	1, 583	520
Influenza.....	108	109
Total.....	<sup>1</sup> 10, 086	<sup>1</sup> 5, 622

<sup>1</sup> The totals in this table include for the year 1921, 135 cases, and 1922, 178 cases, reported from the various military cantonments located within the District of Columbia.

*Smallpox hospital, quarantine station, and leper hospital.*—During the fiscal year 1922, the smallpox hospital cared for 84 patients. The institution was in active operation 242 days, the total number of patient days service rendered being 881. The average stay of each patient was 10.5 days.

The quarantine station was in active operation 78 days and during that time cared for 56 inmates. The total number of inmate-days service rendered was 236. The average stay of each inmate was 4 days.

*Leper hospital.*—This institution was not in active operation during the fiscal year. No lepers were found in the District of Columbia during the year requiring the opening of the institution which has now been closed since March 5, 1921, when the two lepers which were there at that time were removed to the national leprosarium at Carville, La.

*Ambulance service.*—During the fiscal year, 444 patients suffering from minor contagious diseases were removed in this ambulance to the contagious disease hospital for treatment. Patients suffering from smallpox were, as heretofore, removed to the smallpox hospital in the ambulance provided for that purpose.

*Isolation wards at Garfield Memorial and Providence Hospitals.*—The services rendered by these wards during the fiscal year is shown in the following table:

*Isolating wards, Garfield Memorial and Providence Hospitals: Service and expenses during the fiscal year 1922.*

Institution.	Pay patient days.	Free patient days.	Total patient days.	Total appropriated by the Government.	Paid by the District for year.	Cost to District per free patient per day.	Amount received from pay patients.
Garfield Memorial Hospital.....	2,916	3,562	6,478	\$10,000	\$10,000	\$2.80	\$7,239.63
Providence Hospital.....	1,011	2,080	3,091	6,500	6,500	3.15	(1)

<sup>1</sup> No account of money received from pay patients was rendered by Providence Hospital.

*Typhoid fever.*—It is felt that special mention should be made of the typhoid fever outbreak which resulted from a supper given on April 27, 1922, at one of the local churches. As a result of this supper, 46 cases of typhoid fever were reported with 2 deaths. In the investigation of this outbreak, it was discovered that everyone of the persons made sick had partaken at the supper of either "potato salad" or "cold slaw" or both. In continuing the investigation to determine the origin of the disease, it was further discovered that two women who prepared the articles of food mentioned were typhoid "carriers." This fact was clearly demonstrated by laboratory tests which were made. One of these "carriers" is said to have had typhoid fever 14 years ago and the other had an attack of which was said to be "intermittent fever" about 10 years ago which was sufficiently severe to confine her to bed for seven weeks. The recent laboratory findings would indicate that the attack was one of typhoid and not "intermittent fever." The typhoid "carrier" is recognized as a distinct menace in any community and the problem is one that every health department is endeavoring to solve in a satisfactory manner.

*Disinfecting service.*—One thousand nine hundred and ninety-four premises were disinfected during the year and 920 articles exposed to infection on such premises, or in some other way, were disinfected at the disinfecting station. The terminal fumigation of premises after the occurrence of contagious diseases is regarded by the health authorities of many of the large cities throughout the country as of doubtful benefit. Consequently, the service has been discontinued by them. Experience of these cities tends to show that contagious diseases are no more prevalent since the fumigation of premises has been discontinued than was the case prior to that time. A thorough cleaning of the premises seems to meet all requirements. While the health department still continues the practice of terminal fumigation, it is seriously considering abandoning this work. This step, however, will not be taken until the department has most carefully considered the matter and feels justified in making the change.

*Public crematorium.*—This institution is almost self-sustaining. The total cost of operation during the fiscal year was \$2,129.09.

The fees collected from private cremations amounted to \$1,675, The actual cost of operation to the District was, therefore, only \$454.09. The institution has now been in operation 14 years and is in need of some repairs. Estimates to cover the cost of these repairs were included in the annual estimates of the department.

*Bacteriological laboratory.*—The work in this laboratory increased very much during the fiscal year just closed. During the year 18,065 specimens of various kinds were examined. These included 13,795 cultures for the diagnosis of diphtheria, 746 of which were primary positives, a number of tests were made to determine the virulency of these organisms. Sputum examinations to the number of 1,509 were made to determine the presence of the tubercle bacilli. In 343 instances the organism of tuberculosis was demonstrated. Two hundred and sixty-three specimens of feces and urine were examined for the typhoid organism, and in 29 instances this organism was isolated.

*Scrological laboratory.*—The amount of work done in this laboratory showed a marked increase over the preceding year. During the fiscal year ending June 30, 1922, 5,321 specimens were examined as against 3,856 last year. Of these specimens examined, 3,801 were for the Wassermann reaction. Eight hundred and ninety-five reacted positively and 2,908 gave negative results. The examination of 593 blood specimens by the Widal reaction for the diagnosis of typhoid fever resulted in 75 positive findings. The examination of 135 specimens of blood for the malarial parasite resulted in the finding of the plasmodium of the benign tertian type in but 2 cases.

*Bathing pools.*—Close supervision has been maintained over the public bathing pools throughout the city, except in the case of the bathing beach at the Tidal Basin, which is under Federal supervision and control. A marked improvement in the bacteriological purity of the water in the various pools has been noted. Persons responsible for the condition of the pools have been impressed with the importance of keeping the water in a safe and cleanly condition for bathing purposes and have manifested a disposition to cooperate with the department in its efforts to protect those who frequent these places.

*Wells and water supplies.*—Samples of water from public and private wells to the number of 448 were examined. Samples of water from common carriers engaged in interstate traffic have been collected, examined, and the result of examination communicated to the Surgeon General of the United States Public Health Service for his information, this official having jurisdiction over the water supply used by common carriers in interstate traffic. The analysis of the samples showed the water in several instances to be badly contaminated and unfit for drinking purposes. Prompt steps were taken by the Surgeon General to make the water supply safe.

*Theaters.*—During the year a number of tests were made to determine the purity of the atmosphere in the various playhouses throughout the city. In eight instances the air was found impure. The proprietors of these establishments took prompt steps to improve the ventilating devices in use to meet the requirements of the health department.

*Milk and cream.*—As heretofore special attention has been given to the milk and cream supply. While the present supply is of a

good quality, it is believed it can be still further improved if the passage of the milk legislation now pending in Congress can be secured.

*Diphtheria antitoxin.*—Diphtheria antitoxin was liberally distributed during the year for use in cases of patients who were unable to purchase it without financial hardship. Approximately 3,000,000 units of antitoxin were dispensed. A number of samples of antitoxin were examined in the serological laboratory to determine their purity and potency.

*Dispensaries.*—Tuberculosis division: The records show an increased amount of work done during the fiscal year just ended. Nine hundred and forty examinations were made as against 909 during the previous year. The total number of visits made by patients to the clinic was 5,447. The nurses connected with the clinic made a total of 5,321 visits to the homes of patients. One thousand and forty-five X-ray examinations were made. The work of this clinic has been seriously handicapped by lack of adequate appropriation. Repeated efforts have been made to secure a more liberal appropriation but without success. It is not possible to maintain this service in an effective and satisfactory manner with the small amount of money now available for the purpose.

Venereal disease division: What has been said of the tuberculosis clinic about the insufficient funds applies with equal force to the venereal disease clinic. The demands upon the venereal disease clinic have increased during the past year. During the year 1,797 patients were admitted; 1,645 Wassermann examinations were made and 3,171 salvarsan injections given. The total number of visits made by patients to the clinic was 10,420. It is interesting to note that of the patients admitted during the year 69 were under 5 years of age, and 103 between the ages of 6 and 15 years.

The bill for the control of venereal diseases in the District of Columbia, which has been referred to in previous reports, has never been enacted into law. The measure is still pending in Congress, and it is earnestly hoped that some legislation on this most important subject will be passed during the current session of Congress.

#### MEDICAL AND DENTAL INSPECTION OF PUBLIC SCHOOLS.

A detailed report covering the operation of the medical and dental inspection services, including the work performed by the school nurses and at the dental clinics will, as heretofore, be found in the report of the board of education.

During the school year 1921-22, the medical inspectors made 6,325 visits to school buildings and 286 visits to the homes of pupils. The total number of examinations made of pupils for various purposes was 31,765. Of this number, 6,402 were found to be suffering from physical defects, and appropriate treatment was recommended. In 3,389 instances exclusion from school was recommended. Six hundred and ninety-three applicants were physically examined to determine their fitness for teaching positions.

All graduates from the normal schools were given a physical examination before graduating. The examination of these pupils resulted in the correction of the great majority of physical defects which were found to be present among those about to enter the public schools as teachers. These examinations have resulted in a higher standard of

health and efficiency among the teachers than has been the case in the past.

One hundred and sixteen pupils were mentally and physically examined to determine the advisability of segregation in special schools. Of these 56 per cent were recommended for transfer to special classes. Seven per cent were found to be noneducable and recommendation for exclusion from public schools was made.

Eleven hundred and thirty-four applicants for permits to work, under the provision of the child labor law, were examined, resulting in the finding of 36.9 per cent of the applicants with physical defects warranting granting of temporary permits pending the correction of such defects. The great majority of the applicants had their defects corrected and were subsequently granted regular permits.

Fourteen nutrition classes were conducted in certain schools, both white and colored. These classes were maintained with the assistance and cooperation of the Association for the Prevention of Tuberculosis, who furnished paid nutrition workers and all necessary blanks and material. The Red Cross also furnished one worker. The maintenance of these nutrition classes was only made possible by the assistance of the organization referred to. The pupils in these classes made a total gain of 1,017 pounds, or an average of 3.4 pounds per pupil. The harmful effect on the children in the public schools of daylight saving as practiced in the District of Columbia this year seems to be reflected in the loss of weight noted in many of those pupils who had previous to the adoption of the daylight schedule made satisfactory gains in weight.

*Dental inspection.*—The dental inspectors examined 19,118 pupils during the year; 87 per cent were found to have dental defects. Four dental clinics were operated throughout the year. Three thousand one hundred and thirty-one pupils availed themselves of the opportunity to have their dental defects corrected. More of these clinics are needed, and it is hoped that the appropriation for the next fiscal year will provide for an extension of the service.

*School nurses.*—These nurses made 4,573 visits to schools, 8,337 visits to homes of pupils, and 1,665 visits to clinics and cooperative agencies.

## BUREAU OF FOOD INSPECTION.

The number and kind of establishments producing and handling foodstuffs in the District of Columbia, exclusive of dairies and dairy farms, during the fiscal year 1922, are given in the following table:

*Food producing and vending establishments in the District of Columbia, number and kind on register, fiscal years 1921 and 1922, with data relative thereto.*

	Registered at beginning of year.	Registered during year.	Abandoned or duplicated.	Registered at close of year.	Average per annum per place.	Inspections.	
						Inspections per inspector per day worked.	Total number of inspections
Total:							
1921.....	3,564	1,452	1,617	3,399	27.06	30.06	91,991
1922.....	3,399	1,105	959	3,545	27.16	34.13	104,427
Commission houses:							
1921.....	80	94	84	90	159.79	7.83	14,381
1922.....	90	10	20	80	195.91	8.54	15,673
Groceries:							
1921.....	1,421	941	1,263	1,099	14.66	6.58	16,109
1922.....	1,099	664	673	1,090	16.08	7.16	17,530
Markets:							
1921.....	10	1	1	10	337.80	2.76	3,378
1922.....	10			10	1,243.10	5.78	12,431
Hucksters:							
1921.....	712	10	12	710	40.16	23.29	28,511
1922.....	710	6	15	701	37.38	21.40	26,201
Bakeries:							
1921.....	76	14	4	86	10.93	3.07	242
1922.....	86	8	12	82	12.86	3.44	1,055
Confectioners:							
1921.....	303	70	143	230	10.75	2.02	2,473
1922.....	230	31	77	184	14.08	2.12	2,592
Restaurants:							
1921.....	483	192	30	615	16.40	17.29	10,581
1922.....	645	370	23	992	12.81	20.75	12,714
Soft drink establishments:							
1921.....	175	130	80	225	6.07	4.46	1,367
1922.....	225	10	129	106	24.65	4.26	2,613
Fish houses:							
1921.....	24			24	527.38	206.81	12,657
1922.....	24			24	507.75	190.12	12,186
Miscellaneous:							
1921.....	280			280	5.68	1.30	1,592
1922.....	280	6	10	276	5.18	1.16	1,432

The following table gives in detail a statement relating to dairy farms on which milk and cream were lawfully produced for sale in the District of Columbia, and the frequency of inspection during the fiscal year 1922:

*Dairy farms on which milk and cream were lawfully produced for sale in the District of Columbia during the fiscal year 1922, number and distribution of, with certain data pertaining thereto, and corresponding figures for the preceding year.*

	Dairy farms registered.				Cattle.			Tuberculin tested.			
	Begin- ning of year.	During the year.		Close of year.	Begin- ning of year.	Dur- ing year, in- crease.	Close of year.	Total.	Passed	Re- acted.	Suspi- cious.
		Regis- tered.	Can- celed.								
Total:											
1921.....	1,577	303	381	1,499	24,894	2,030	26,698	19,126	18,070	953	103
1922.....	1,499	434	418	1,515	26,698	9,031	35,689	19,954	19,185	711	58
District of Columbia:											
1921.....	27	2	9	20	311	.....	290	140	139	1	.....
1922.....	20	3	4	19	290	.....	250	45	44	1	.....
Maryland:											
1921.....	1,027	207	305	929	13,379	663	14,042	8,503	7,769	664	70
1922.....	929	290	257	962	14,042	3,974	18,016	8,617	8,109	486	22
Virginia:											
1921.....	512	74	38	548	10,903	1,079	11,982	10,466	10,145	288	33
1922.....	548	117	153	512	11,982	4,222	16,204	10,698	10,448	216	34
Pennsylvania:											
1921.....	8	.....	7	1	189	.....	189	.....	.....	.....	.....
1922.....	1	2	2	1	223	.....	223	223	221	1	1
West Virginia:											
1921.....	3	2	4	1	112	83	195	158	150	7	1
1922.....	1	7	.....	8	195	.....	195	90	90	.....	.....
Ohio:											
1921.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1922.....	.....	15	2	13	.....	753	753	123	123	.....	.....

### Inspections.

	Inspec- tions of farms.	Average frequency of inspec- tions of each farm during year.	Average number of farms inspected per in- spector per day worked.	Inspec- tions of cattle.	Average frequency of inspec- tion of each animal.
Total:					
1921.....	6,647	4.21	3.10	107,204	5.60
1922.....	7,228	4.77	2.95	108,566	3.42
District of Columbia:					
1921.....	365	13.51	1.96	3,451	11.09
1922.....	272	14.23	.97	3,079	12.31
Maryland:					
1921.....	3,849	3.75	4.19	56,975	4.33
1922.....	4,572	4.75	3.73	57,763	3.20
Virginia:					
1921.....	2,351	4.59	3.84	45,543	4.18
1922.....	2,320	4.53	3.79	45,883	2.83
Pennsylvania:					
1921.....	20	2.50	.066	250	1.32
1922.....	16	1.77	.052	388	1.43
West Virginia:					
1921.....	28	9.33	.091	780	6.96
1922.....	30	10.00	.083	700	3.58
Ohio:					
1921.....	0	.....	.....	.....	.....
1922.....	18	1.63	.058	753	1.00



*Dairies in and for the District of Columbia during the fiscal year 1922, number and distribution of, with certain data pertaining thereto, and corresponding figures for the previous year.*

	Licensed at beginning of the year.	Applications received.	Permits issued.	Permits surrendered.	Applications rejected.	Licensed at close of year.	Inspections during the year.	Average number of inspections of each dairy during year.	Average number of dairies inspected per day worked.
Total:									
1921....	37	5	3	1	3	36	627	17.41	2.32
1922....	136	8	6	1	1	42	762	18.14	2.49

<sup>1</sup> The inspector assigned to this work has other duties to perform also.

The following table shows the results of prosecution for violation of the laws and regulations of the food and drugs acts during the fiscal year 1922, with corresponding figures for previous year:

*Statement showing results of prosecutions for violations of the laws and regulations of food and drugs acts during the fiscal year 1922, with corresponding figures for previous year.*

	United States district attorney.		Police court.	
	1921	1922	1921	1922
Cases referred.....	43	48	267	333
Cases of fine and forfeiture.....	39	44	246	300
Cases of personal bonds taken.....	0	0	3	2
Cases nolle prossed.....	3	4	4	8
Cases acquitted.....	1	0	0	2
Cases pending.....	0	0	14	21
Amount of fines and forfeitures.....	\$1,465	\$1,400	\$1,636	\$1,543

The following table contains data relative to the chemical examination of samples of milk and cream during the fiscal year 1922, with corresponding figures for previous years:

*Milk and cream in the District of Columbia—Chemical examinations during the fiscal year 1922, with corresponding figures for previous years.*

Fiscal year.	Milk (8,384 samples), in 1922, containing—			Cream (413 samples), in 1922, containing—	
	Less than 3.5 per cent fat.	3 per cent fat and less.	Added water.	Less than 20 per cent fat.	18 per cent fat and less.
	Per cent. <sup>1</sup>	Per cent. <sup>1</sup>	Per cent. <sup>1</sup>	Per cent. <sup>1</sup>	Per cent. <sup>1</sup>
1918.....	18.02	3.49	1.57	68.09	36.61
1919.....	19.06	4.80	.61	59.61	29.61
1920.....	13.19	2.79	.66	40.55	19.29
1921.....	9.22	3.27	.49	25.87	23.48
1922.....	10.03	2.66	.40	10.70	6.13

<sup>1</sup> Per cent on basis of all samples of milk and cream examined.

The food-inspection service has been very active during the year. A total of 112,417 inspections were made, which shows an increase of 13,512 over the preceding year.

*Slaughterhouses.*—The 11 slaughterhouses in the District were inspected 291 times during the year. Twelve thousand eight hundred and thirty-four cattle, 11,263 sheep, 6,731 calves, and 58,450 hogs were inspected at time of inspectors' visits:

The active work of this bureau has resulted in a much better quality of foodstuffs being offered and sold to the public. More inspectors are needed to increase the efficiency of the service, and it is hoped provision for an increased force will be made in the appropriation act for the next year.

#### BUREAU OF SANITARY INSPECTION.

*General nuisance inspection.*—Nine thousand three hundred and eighty-seven complaints were acted upon during the fiscal year, necessitating 13,673 inspections to be made. Twenty-four thousand three hundred and fourteen official calls were made for the service of notices outside of assigned inspection districts.

The total number of official visits of all kinds made by the sanitary inspectors during the fiscal year was approximately 75,427.

Violations of the laws and regulations for the prevention and abatement of nuisances were reported in 13,002 instances. Failure to abate nuisances within the time allowed resulted in prosecution being instituted in 888 instances. Disposition of these cases resulted as follows: Nolle prossed 851, personal bonds 2, collateral forfeited 21, acquitted 10, fines imposed in 3 cases. The remaining case was still pending at the close of the year.

Under the abatement of nuisances by the assessment system, 646 notices were served on nonresident owners for the abatement of nuisances on property owned by them in the District of Columbia. In all but 11 cases the nuisances were abated by the owners.

*Enforcement of the weed law.*—One thousand nine hundred and sixty-three notices were served during the year under the provisions of the weed law. It has heretofore been pointed out that the absence of adequate means for the enforcement of this law leads to much unjust criticism of the health department. No serious attempt to enforce the weed law can be made unless sufficient funds are provided to enable the department to employ a special corps of inspectors who will be available for service during the entire weed season. Efforts have been repeatedly made to secure a special appropriation for this purpose but without success.

*Smoke inspection.*—For data relative to smoke-inspection work done see the following statement:

*Smoke inspections during the fiscal years 1921 and 1922.*

	1921	1922
Observations.....	11,144	11,112
Violations of the law reported.....	1,390	1,286
Cases referred to corporation counsel.....	62	126
Cases of fines and forfeitures.....	62	120
Cases of personal bonds taken.....	1	0
Cases nolle prossed.....	4	0
Cases acquitted.....	0	3
Cases pending.....	8	11
Amount of fines and forfeitures.....	\$510	\$1,175
Plants under observation.....	544	643
Number of inspections of plants.....	499	675
Reports of investigation, complaints, and letters.....	123	142

*Sanitary inspection of places of employment.*—As heretofore, systematic inspections were made of printing offices, bakeries, lunch rooms, restaurants, and other similar establishments in the interest of the health and physical well-being of the persons employed therein.

*Registration and inspection of stables, barber shops, laundries, privies, fowl and pigeon houses, sewage-disposal systems, and lodging and tenement houses during the fiscal year 1922.*

	Stables.	Barber shops.	Laundries.	Privies.	Fowl and pigeon houses.	Sewage disposals.	Lodging and tenement houses.
Registered at beginning of the year.....	775	607	1,818	2,684	2,145	110	116
Registered during the year.....	6	131	16	112	149	8	7
Abandoned during the year.....	96	85	38	61	1	5	2
On register at close of year.....	685	653	1,796	2,735	2,293	113	121
Number of inspections during year.....	437	1,308	251	1,862	( <sup>1</sup> )	65	113
Average frequency of inspections.....	0.63	2	0.14	0.68	( <sup>1</sup> )	0.57	0.93
Number of nuisances found.....	72	( <sup>1</sup> )	( <sup>1</sup> )	186	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Data not available.

*Private hospitals and asylums.*—Two licenses were issued during the year to maintain private hospitals, one being for the treatment of human beings and the other for the treatment of domestic animals.

#### EIGHT-HOUR FEMALE LABOR LAW.

Up to June 30, 1922, 2,039 establishments, coming within the purview of the 8-hour female labor law were registered and classified in the District of Columbia. During the year 119 complaints were acted upon and 1,141 official calls made. Twenty-four prosecutions were instituted and disposed of as follows: Nolle prossed 1, personal bonds 4, collateral forfeited 13, fines imposed 5, and acquitted 1. The amount of fines and forfeitures was \$390.

#### CHILD WELFARE SOCIETY.

The work of the society materially increased during the year just closed. The total number of children admitted to the several welfare stations was 4,197, an increase of 389 over the preceding year. The total cost of operation of the entire service for the year was \$31,054.39. Of this amount \$18,000 was appropriated by Congress:

the remaining \$13,054.39 was made up by private subscriptions. The following tables show the amount and kind of work done during the year:

*Child Welfare Society: Infants, children, and prenatal cases admitted, visits of cases to centers, and visits of nurses to homes enumerated by centers.*

Center.	Location.	Admissions under 2 years.				
		Registered.		Unregistered.		Total.
		White.	Colored.	White.	Colored.	
1	Georgetown Hospital.....	62	39	43	44	188
2	2100 G Street NW.....	70	75	67	203	415
3	Children s Hospital.....	115	129	181	261	686
4	330 C Street NW.....	118	50	168	91	427
5	1235 Fo r-and-a-half Street SW.....	66	69	80	117	332
6	900 Maryland Avenue NE.....	231	55	183	86	555
7	1130 K Street SE.....	109	44	110	122	385
8	82 K Street NE.....	72	30	107	96	305
9	Freedmen s Hospital.....	106			158	264
10	1500 Ninth Street NW.....	16		34		50
Total.....		859	597	973	1, 178	3, 607

Center.	Location.	Admissions.							
		2 to 6 years.					Prenatal.		
		Registered.		Unregistered.		Total.	White.	Colored.	Total.
		White.	Colored.	White.	Colored.				
1	Georgetown Hospital.....	9	6	8	3	26	.....	.....	.....
2	2100 G Street NW.....	29	11	16	13	69	.....	.....	.....
3	Children's Hospital.....	12	5	34	9	60	.....	.....	.....
4	330 C Street NW.....	42	15	17	5	79	.....	.....	.....
5	1235 Four-and-a-half Street SW.....	18	1	6	3	28	.....	.....	.....
6	900 Maryland Avenue NE.....	36	7	17	5	65	5	16	21
7	1130 K Street SE.....	11	4	29	12	56	2	27	29
8	82 K Street NE.....	17	13	22	3	55	4	26	30
9	Freedmen's Hospital.....	.....	17	.....	24	41	.....	26	26
10	1500 Ninth Street NW.....	1	.....	4	.....	5	.....	.....	.....
Total.....		175	79	153	77	484	11	95	106

Center.	Location.	Number of visits of cases to centers.					
		Prenatal.	Infants.	Children. 2 to 6.	Center instruction to mothers.	Total.	Nurses' visits to homes.
1	Georgetown Hospital.....	0	1,878	315	106	2,299	3,075
2	2100 G Street NW.....	0	3,257	662	276	4,195	2,747
3	Children's Hospital.....	0	3,958	218	174	4,350	2,448
4	330 C Street NW.....	44	2,515	603	653	3,815	2,794
5	1235 Four-and-a-half Street SW.....	24	2,442	211	454	3,131	3,334
6	900 Maryland Avenue NE.....	72	4,676	497	228	5,473	2,621
7	1130 K Street SE.....	96	2,367	313	107	2,883	2,888
8	82 K Street NE.....	85	1,758	296	307	2,446	2,873
9	Freedmen's Hospital.....	94	1,039	171	63	1,367	3,433
10	1500 Ninth Street NW.....	.....	184	37	4	225	62
	Nutrition Class.....	.....	.....	287	72	359	360
	Dental clinic.....	.....	.....	376	.....	376	.....
	Field nurses.....	.....	.....	.....	.....	.....	3,353
Total.....		415	24,074	3,986	2,444	30,919	29,988

## THE POUND SERVICE.

During the fiscal year the poundmaster captured 2,207 dogs found running at large and 897 dogs were surrendered to him for destruction or observation. In addition to these, 30 horses, 3 mules, 1 goat, and 3 cows were impounded. Two thousand three hundred and sixteen cats were surrendered to the poundmaster for destruction. The total number of animals of all kinds handled at the pound was 5,487.

The following disposition was made of the animals impounded. All horses, mules, goats, and cows were redeemed by the owners. One thousand eight hundred and fifty-nine dogs were killed and 616 redeemed. Four hundred and eighty-three dogs were sold and 155 returned to owner after period of observation had expired. All the cats were destroyed.

## BUREAU OF ADMINISTRATION.

*Correspondence and files.*—Eleven thousand and thirty-eight letters and 6,849 oral complaints were received during the year. Thirteen thousand nine hundred and fifty-five letters were sent out by the department and 2,105 special reports were entered and filed.

## BUREAU OF VITAL STATISTICS.

Six thousand and fifty-seven deaths, 9,028 births, and 501 still-births were recorded during the year. Two thousand two hundred and ninety-five transcripts from the records of deaths and births were issued.

Respectfully,

W. C. FOWLER,  
*Health Officer.*

The COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

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# APPENDIX A

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## VITAL STATISTICS

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TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1921, arranged with reference to race and sex, and classified with reference to causes of death.

Calendar year 1921.													
Cause of death.	Total deaths.			General death rates.			Per-centage of each cause to total mortality.	Deaths by race and sex.				Total by sex.	
								White.		Colored.			
	White.	Colored.	All.	White.	Colored.	All.		Male.	Female.	Male.	Female.	Male.	Female.
I. General diseases.													
1 Typhoid fever.....	17	12	29	0.050	0.107	0.054	0.479	13	4	10	2	23	6
2 Typhus fever.....													
3 Relapsing fever.....	1	1	2	.003	.009	.004	.033	1	1	1	1	2	1
4 Malaria.....	9	2	11	.023	.018	.024	.182	5	4	2	1	7	4
5 Smallpox.....	8	1	9	.023	.009	.020	.149	4	4	1	1	4	5
6 Measles.....	5	5	10	.015	.041	.022	.165	2	3	1	4	3	7
7 Scarlet fever.....	52	5	57	.152	.045	.125	.941	23	29	2	3	25	32
8 Whooping cough.....	24	10	34	.070	.089	.075	.561	9	15	5	5	14	20
9 Diphtheria and croup.....													
10 Influenza (grippe).....													
11 Miliary fever.....													
12 Asiatic cholera.....													
13 Cholera nostras.....													
14 Dysentery.....	5	4	9	.015	.035	.020	.149	4	1	4	4	4	5
15 Plague.....													
16 Yellow fever.....													
17 Leprosy.....													
18 Erysipelas.....	8	1	9	.024	.009	.020	.149	4	4	1	1	4	5
19 Other epidemic diseases.....													
20 Septicemia and purulent infection.....	16	1	17	.047	.009	.037	.281	10	6	1	1	11	6
21 Glanders.....													
22 Anthrax.....													
23 Rabies.....	1	1	2	.003	.009	.005	.033	1	1	1	1	2	1
24 Tetanus.....													
25 Mycercis.....	2	1	3	.003	.009	.007	.030	1	1	1	1	1	2
26 Pellagra.....													
27 Beriberi.....													
28 Tuberculosis, pulmonary.....	204	259	463	.597	2.304	1.020	7.644	128	76	144	115	272	191
29 Tuberculosis, acute, larynx.....	8	11	19	.023	.098	.042	.314	7	1	6	5	13	6
30 Tuberculosis, meningial.....	15	13	28	.044	.116	.032	.462	10	5	6	7	16	12
31 Tuberculosis, abdominal.....	7	7	14	.020	.032	.031	.231	2	5	3	4	5	9
32 Tuberculosis, spine (Pott's disease).....	1	4	5	.003	.015	.011	.083	1	3	1	1	3	2
33 Tuberculosis, joints (white swellings).....	1	2	3	.003	.018	.007	.049	1	1	2	2	2	1

[illegible]



TABLE 1a. Showing deaths and death rates in the District of Columbia during the calendar year 1921, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Calendar year 1921.

Cause of death.

Total deaths.

General death rates.

Deaths by race and sex.

Total by sex.

Cause of death.	Total deaths.			General death rates.			Deaths by race and sex.				Total by sex.
	White.	Colored.	All.	White.	Colored.	All.	Male.	Female.	Male.	Female.	
45 Cancer of other organs—Continued.											
24. Spleen.....	5	.....	5	.015	.....	.011	2	3	.....	2	3
25. Testicle.....	1	.....	1	.003	.....	.002	1	.....	.....	1	1
26. Thigh.....	2	.....	2	.006	.....	.004	2	.....	.....	2	2
27. Throat.....	6	.....	6	.017	.....	.013	1	.....	.....	1	1
28. Thyroid.....	1	2	3	.003	.018	.007	.....	1	2	.....	1
46 Tumors (nonmalignant):											
1. Abdomen (fatty).....	1	1	2	.003	.009	.004	1	.....	.....	.....	.....
2. Mediastinum.....	1	.....	1	.003	.....	.002	.....	1	.....	.....	.....
3. Papilloma, intestinal.....	1	.....	1	.003	.....	.002	.....	1	.....	.....	.....
47 Rheumatism, acute.....	6	5	11	.017	.044	.024	1	5	2	3	8
48 Rheumatism, chronic.....	12	3	15	.035	.027	.033	3	9	2	5	10
49 Scurvy.....	51	18	69	.149	.160	.152	24	27	5	13	40
50 Diabetes.....	8	3	11	.023	.036	.024	182	.....	3	.....	11
51 Goiter, exophthalmic.....	1	1	2	.003	.009	.005	.....	.....	1	.....	.....
52 Addison's disease.....	11	1	12	.032	.009	.026	8	3	.....	.....	8
53 Leukemia.....	22	2	24	.064	.018	.053	8	14	1	1	15
54 Anaemia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other general diseases:											
1. Acidosis.....	8	.....	8	.024	.....	.018	4	4	.....	.....	4
2. Aeromegalia.....	1	.....	1	.003	.....	.002	1	.....	.....	.....	.....
3. Diabetes insipidus.....	1	.....	1	.003	.....	.002	.....	1	.....	.....	.....
4. Haemophilia.....	1	.....	1	.003	.....	.002	.....	.....	.....	.....	.....
5. Purpura hemorrhagica.....	3	1	4	.009	.009	.009	1	2	.....	.....	3
Alcoholism.....	2	1	3	.006	.009	.007	2	.....	1	.....	3
56 Lead poisoning, chronic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57 Other occupational poisoning, chronic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58 Cocaine poisoning (user).....	1	.....	1	.003	.....	.002	1	.....	.....	.....	.....
59 Total general diseases.....	941	533	1,474	2,754	4,744	3,247	478	403	271	262	725

## II. Diseases of nervous system and organs of special sense.

60	Encephalitis (abscess).....	10	1	11	.029	.009	.024	.182	7	3	1	7	4
61	Epilepsia, lethargic.....	12	2	14	.035	.031	.231	.031	7	5	1	8	6
62	Meningitis, epidemic cerebrospinal.....	3	1	4	.009	.009	.009	.006	2	1	1	3	1
63	Meningitis, simple.....	30	5	35	.088	.044	.077	.578	20	10	3	23	12
64	Locomotor ataxia.....	3	2	5	.009	.018	.011	.083	2	1	2	4	1
65	Other diseases of spinal cord:	1	1	1	.003	.....	.....	.016	1	.....	.....	1	.....
66	1. Atrophy, progressive muscular.....	2	2	2	.006	.....	.004	.033	.....	2	.....	.....	2
67	2. Bulbar paralysis.....	2	3	3	.006	.009	.007	.050	1	1	.....	2	1
68	3. Myelitis, transverse.....	1	1	1	.003	.....	.002	.016	.....	1	.....	.....	1
69	4. Myelitis, ascending.....	3	1	4	.003	.009	.009	.006	2	1	1	2	2
70	5. Paralysis, agitated.....	1	1	1	.003	.....	.002	.017	.....	1	.....	.....	1
71	6. Paralysis, ascending.....	1	1	1	.003	.....	.015	.116	2	4	1	3	1
72	7. Polio-myelitis, acute anterior.....	2	2	2	.006	.009	.004	.033	1	1	.....	1	1
73	8. Spinal sclerosis.....	325	138	463	.951	1.228	1.020	7.644	134	191	53	187	276
74	Cerebral hemorrhage (apoplexy).....	3	3	3	.009	.007	.007	.039	2	2	.....	2	6
75	Cerebral softening.....	8	8	8	.023	.116	.088	.660	23	4	13	36	4
76	Paralysis, paraplegia and hemiplegia.....	27	13	40	.079	.036	.022	.165	6	2	2	8	2
77	General paralysis of insane.....	6	4	10	.017	.018	.013	.069	4	2	.....	4	2
78	Mental alienation.....	6	6	6	.018	.....	.....	.132	2	1	4	6	2
79	Epilepsy.....	3	5	8	.009	.044	.018	.050	1	.....	.....	1	2
80	Convulsions (nonfebrile).....	1	2	3	.003	.018	.007	.033	.....	1	.....	1	1
81	Chorea.....	2	2	2	.006	.027	.022	.165	4	3	3	7	3
82	Neuritis.....	7	3	10	.020	.003	.002	.016	.....	1	.....	1	1
83	Other diseases of nervous system:	1	1	1	.003	.009	.002	.016	.....	.....	.....	.....	1
84	1. Hydrocephalus, internal.....	1	1	1	.....	.....	.....	.116	.....	3	2	2	5
85	2. Neoplasm, cerebral.....	3	4	7	.009	.035	.015	.....	.....	.....	.....	.....	.....
86	3. Neurasthenia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87	4. Tetany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88	Diseases of eye and annexa.....	3	4	7	.009	.035	.015	.....	.....	.....	.....	.....	.....
89	Otitis media.....	4	4	8	.009	.035	.015	.....	.....	.....	.....	.....	.....
90	Total diseases of nervous system and organs of special sense.....	468	184	652	1.370	1.638	1.435	10.764	223	245	86	309	343
91	III. Diseases of circulatory system.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
92	Pericarditis.....	2	2	2	.018	.018	.004	.033	.....	1	1	1	1
93	Endocarditis and myocarditis (under 60 years).....	90	69	159	.263	.614	.352	2.625	63	27	24	87	72
94	Organic heart disease, valvular.....	483	207	690	1.414	1.842	1.520	11.391	238	245	91	329	301
95	Angina pectoris.....	40	1	41	.117	.009	.090	.677	20	20	1	21	20
96	Diseases of arteries:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
97	1. Aneurism.....	12	9	21	.035	.080	.046	.347	11	1	6	17	4
98	2. Arteriosclerosis.....	146	37	183	.427	.329	.403	3.021	73	73	14	23	96
99	3. Endarteritis.....	.....	1	1	.....	.009	.002	.017	.....	1	1	1	1
100	Embolism and thrombosis.....	27	5	32	.079	.044	.071	.528	17	10	1	18	14
101	Phlebitis.....	1	1	1	.003	.....	.002	.016	.....	1	.....	.....	1
102	Varicose veins.....	1	1	1	.003	.009	.002	.017	.....	.....	1	.....	1
103	Status lymphaticus.....	1	1	1	.003	.....	.002	.016	.....	.....	.....	.....	1
104	Fibrillation.....	3	3	3	.009	.....	.007	.050	2	1	.....	2	1
105	Total diseases of circulatory system.....	803	332	1,135	2.350	2.954	2.501	18.738	424	379	139	563	572

TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1921, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Cause of death.	Calendar year 1921.									
	Total deaths.			General death rates.			Deaths by race and sex.		Total by sex.	
	White.	Colored.	All.	White.	Colored.	All.	White.	Colored.	Male.	Female.
IV. Diseases of respiratory system.										
86 Adenoids.....	1	1	2	.003	.009	.012	1	1	1	1
87 Echinococcus.....	1	1	2	.003	.009	.012	1	1	1	1
88 Laryngitis.....	2	2	4	.006	.018	.024	2	2	2	2
89 Typhoid fever.....	3	3	6	.009	.027	.036	3	3	3	3
90 Bronchitis, acute.....	12	13	25	.035	.116	.151	5	7	12	13
91 Bronchitis, chronic.....	19	19	38	.057	.169	.226	11	11	22	22
92 Pneumonia, broncho, etc.....	24	4	28	.070	.036	.106	9	2	11	8
93 Pneumonia, lobar, etc.....	171	150	321	.500	1.335	.707	99	72	171	157
94 Pleurisy.....	111	117	228	.325	1.041	.502	59	54	113	115
95 Pulmonary congestion.....	4	1	5	.012	.009	.021	2	1	3	2
96 Pulmonary gangrene.....	3	7	10	.009	.082	.091	1	3	4	6
97 Asthma, bronchial.....	2	5	7	.006	.044	.050	1	3	4	1
98 Pulmonary abscess.....	6	6	12	.017	.044	.061	1	6	7	6
99 Pulmonary hemorrhage.....	1	2	3	.003	.012	.015	1	2	3	3
100 Total diseases of respiratory system.....	354	332	686	1.036	2.955	1.511	185	169	341	345
V. Diseases of digestive system.										
101 Pyloric ulcer.....	1	1	2	.003	.003	.006	1	1	1	1
102 Diseases of pharynx:	6	6	12	.017	.069	.043	4	2	6	3
1. Abscess.....	2	2	4	.006	.017	.023	1	1	2	2
2. Tonillitis.....	3	3	6	.009	.035	.044	2	1	3	3
3. Vincent's angina.....	2	2	4	.006	.035	.041	1	1	2	2
Oesophagus, stricture of.....	2	2	4	.006	.035	.041	1	1	2	2
Gastric ulcer.....	12	9	21	.035	.080	.106	9	3	14	7

103	Other diseases of stomach:	17	16	33	.050	.142	.073	.545	8	9	7	9	15	18
	1. Gastritis.....	6	6	12	.017	.053	.026	.198	1	5		6	1	11
	2. Indigestion.....	1		1	.003		.002	.016						1
104	3. Pylori obstruction.....	70	49	119	.205	.436	.262	1.965	41	29	33	16	74	45
105	Diarrheal diseases (under 2 years).....	39	16	55	.114	.143	.121	.908	16	23	7	9	23	32
106	Diarrheal diseases (2 years and over).....													
107	Aukyo-tonyias.....													
108	Parasites, intestinal.....													
109	Appendicitis.....	54	22	76	.158	.196	.167	1.255	37	17	14	8	51	25
	Hernia, intestinal obstruction, etc.:													
	1. Hernia.....	9	6	15	.026	.053	.033	.248	7	2	3	3	10	5
	2. Intestinal obstruction.....	22	13	35	.064	.115	.077	.578	16	6	2	11	18	17
	3. Intussusception.....	1	3	6	.003	.044	.013	.069	1			3	3	3
110	Other diseases of intestines:													
	1. Fecal impaction.....													
	2. Fistula in ano.....													
	3. Intestinal adhesions.....													
	4. Gangrene, intestinal.....													
	5. Hemorrhage, intestinal.....													
111	Yellow atrophy of liver.....													
112	Hydatid tumor of liver.....													
113	Hepatic cirrhosis.....	15	11	26	.044	.098	.061	.429	8	7	8	3	16	10
114	Cholelithiasis.....													
115	Other diseases of liver:	15		15	.044		.033	.248	3	12			3	12
	1. Hepatic abscess.....													
	2. Biliary obstruction.....	3	3	6	.009	.027	.013	.069	2	1		3	2	4
	3. Cholangitis.....	2		2	.006		.004	.033	2				2	
	4. Cholecystitis.....	1		1	.003		.002	.016						
	5. Empyema of gall bladder.....	15	2	17	.044	.018	.037	.281	6	9	2		8	9
	6. Fatty liver.....	1		1	.003		.002	.017						
	7. Hepatic congestion.....	1		1	.003		.002	.016						
116	Diseases of spleen.....													
117	Peritonitis.....	10	4	14	.029	.035	.033	.231	1	9		4	1	13
118	Abdominal abscess.....	1	1	1		.009	.002	.016				1		
	Pancreatitis.....	5	1	6	.015	.009	.013	.069	1	4	1		2	4
	Total diseases of digestive system.....	318	167	485	.931	1.486	1.068	8.007	170	148	85	82	255	230
VI. Nonvenereal diseases of genitourinary system.														
119	Nephritis, acute.....	30	37	67	.088	.329	.147	1.105	18	12	21	16	39	28
120	Nephritis, chronic.....	332	163	495	.971	1.450	1.090	8.172	188	144	78	85	266	229
121	Cystitis.....													
122	Other diseases of kidneys and ureters:													
	1. Pyelitis.....	14		14	.041		.033	.231	5	9			5	9
	2. Pyelonephritis.....		4	4		.035	.009	.066			4		4	
	3. Pyelonephrosis.....	3		3	.009		.007	.050	3				3	
	4. Suppression of urine.....	1		1	.003		.002	.017		1				1
123	Renal calculus.....	2		2	.006		.004	.033		1			1	1
124	Cystitis.....	7	1	8	.020	.009	.018	.132	5	2	1		6	2
125	Urethral stricture.....		1	1		.009	.002	.016			1		1	

TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1921, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Calendar year 1921.

Cause of death.	Calendar year 1921.										
	Total deaths.		General death rates.			Per-centage of each cause to total mor-tality.	Deaths by race and sex.				Total by sex.
							White.		Colored.		
							Male.	Female.	Male.	Female.	
	White.	Colored.	All.	White.	Colored.	All.		Male.	Female.	Male.	Female.
VI. Nonvenereal diseases of genitourinary system—Continued.											
126	Diseases of prostate:										
	4		4	.012	.009	.066	4			4	
	5	5	10	.015	.022	.165	5			10	
127	1	1	1	.003	.009	.002	1			1	
128	1		1	.003	.002	.016					
129	6	5	11	.017	.024	.182	6		5		11
130	Other diseases of uterus:										
	1	3	3	.003	.027	.049				3	
	1		1	.003	.002	.017				1	
	1	1	1	.003	.009	.002	1			1	
	1		1	.003	.002	.017					
	2	1	3	.006	.009	.050	2			1	3
131	Ovarian cysts.										
132	Other diseases of female genital organs:										
	2	2	2	.006	.004	.033				2	
	2	1	6	.006	.013	.099				1	6
133	Mastitis.										
	411	228	639	1.293	2.029	1.408	10.550	229	182	111	340
	Total nonvenereal diseases of genitourinary system.										
	VII. The puerperal state.										
134	Accidents of pregnancy:										
	3		3	.009	.007	.049				3	
	3	1	4	.008	.009	.066				1	
	2		2	.006	.004	.033					
	6		6	.017	.013	.099					
	4	2	6	.012	.018	.133				2	
135	Puerperal hemorrhage.										
136	Other accidents of labor:										
	5		5	.015	.011	.082				5	
	1	1	1	.003	.002	.017				1	
	1		1	.003	.002	.016					
	1		1	.003	.002	.017				1	
	1	1	1	.003	.009	.066				1	
	1		1	.003	.002	.016					
	1		1	.003	.002	.017				1	
	1		1	.003	.002	.016					



TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1924, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Calendar year 1921.															
Cause of death.	Total deaths.			General death rates.			Per-centage of each cause to total mor-tality.	Deaths by race and sex.				Total by sex.			
								White.		Colored.					
	White.	Colored.	All.	White.	Colored.	All.	Male.	Female.	Male.	Female.	Male.	Female.			
<b>XI. Early infancy.</b>															
151	Congenital debility, icterus, sclerema, etc.:														
	5	.....	5	.015	.....	.011	.083	2	3	.....	.....	2	3		
	4	.....	4	.012	.....	.009	.006	4	.....	.....	.....	4	.....		
	10	6	16	.029	.053	.035	.264	7	3	.....	2	4	9		
	.....	1	1	.....	.009	.002	.016	.....	.....	1	.....	.....	1		
	23	9	32	.067	.080	.071	.528	11	12	6	3	17	15		
	143	97	240	.419	.863	.529	3.962	79	64	45	52	124	116		
152	Other causes peculiar to early infancy:														
	5	6	11	.015	.053	.024	.182	4	1	3	3	7	4		
	8	4	12	.023	.036	.026	.198	4	4	1	3	5	7		
	1	.....	1	.003	.....	.002	.017	.....	.....	.....	.....	1	.....		
	8	.....	8	.023	.....	.018	.132	7	1	.....	.....	7	.....		
	2	2	4	.006	.018	.009	.066	1	1	2	.....	3	1		
	17	6	23	.050	.053	.051	.380	11	6	2	4	13	10		
	.....	1	1	.....	.009	.002	.016	.....	.....	.....	1	.....	1		
	3	.....	3	.009	.007	.007	.050	2	1	.030	.....	2	1		
	1	.....	1	.003	.....	.002	.016	.....	.....	.....	.....	1	.....		
	6	1	7	.017	.009	.015	.116	3	3	1	.....	4	3		
	.....	2	2	.....	.018	.004	.033	.....	.....	.....	2	.....	2		
153	Exposure.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
	286	135	371	.691	1.201	.817	6.125	137	99	63	72	200	171		
<b>XII. Old age.</b>															
154	Senility, total.....	30	15	45	.087	.133	.099	.743	10	20	5	10	15	30	
<b>XIII. External causes.</b>															
155	Suicide by poison:														
	6	.....	6	.017	.....	.013	.099	4	2	.....	.....	4	2		
	1	.....	1	.003	.....	.002	.017	1	.....	.....	.....	1	.....		
	1	.....	1	.003	.....	.002	.017	1	.....	.....	.....	1	.....		
	2	.....	2	.006	.....	.004	.033	.....	1	.....	.....	1	.....		
	3	.....	3	.009	.....	.007	.050	3	.....	.....	.....	3	.....		

156	Suicide, illuminating gas	31	31	.090	.008	.512	17	14	17	14
157	Suicide, hanging	8	8	.023	.018	.132	7	1	7	1
158	Suicide, drowning	2	1	.006	.007	.049	2		1	
159	Suicide, firearms	16	17	.047	.037	.281	15	1	16	3
160	Suicide, cutting instruments	8	8	.023	.018	.132	8		8	
161	Suicide, jumping from high places	4	4	.012	.009	.066	3	1	3	1
162	Suicide, crushing	1	1	.003	.002	.016			1	
163	Suicide, other forms									
164	Promaine poisoning, accidental	2	2	.005	.004	.033	1	1	1	1
165	Other acute poisoning, accidental: 1. Alcohol, denatured, etc.	3	2	.049	.018	.083	3		2	5
	2. Bichloride, mercuric	2		.003	.005	.033	1	1	1	1
	3. Carbolic acid	1	1	.003	.002	.017			1	1
	4. Hydrochloric acid				.002	.016			1	1
	5. Liniment				.009	.002			1	1
	6. Morphine				.009	.002			1	1
	7. Neosalvarsan	1	1	.003	.002	.017				
	8. Unknown (caating fireworks)	1	1	.003	.002	.016				
	9. Veronal	1	1	.003	.002	.017				
166	Conflagration	3	1	.008	.009	.066	1	2	1	2
167	Burns and scalds	3	4	.008	.009	.066	1	2	5	8
168	Absorption of deleterious gases (accidental): 1. Illuminating gas	27	13	.079	.116	.660	5	22	5	10
	2. Monoxide gas	13	5	.038	.044	.297	8	5	2	3
	3. Overland child	1	1	.003	.002	0.16				
	4. Suffocated in bed	1	1	.003	.004	.033	1	1	1	1
	5. Suffocated in sand pile	1			.002	.016				
169	Drowning (accidental)	17	11	.050	.008	.462	15	2	10	1
170	Firearms (accidental)	3	3	.009	.013	.089	3		3	6
	Bomb explosion (accidental)	1	1	.003	.002	.017	1			1
171	Cutting instruments (accidental)				.098	.710	17	15	5	6
172	Falls (accidental)	32	11	.493	.095					22
173	Traumatism in mines (accidental)									21
174	Traumatism, machinery, etc. (accidental): 1. Caught in machine belt	1	1	.009	.002	.016		1	1	1
	2. Fall down elevator shaft	1	2	.003	.007	.050	1	2	3	3
175	Traumatism by vehicles, railways, etc.: 1. Aeroplane	4		.012	.009	.066	4		4	4
	2. Automobile	49	6	.143	.053	.908	32	17	3	35
	3. Crushed by rolling barrel	1	1	.003	.002	.017	1		1	2
	4. Bicycle run over by	2	2	.006	.005	.033	2		2	2
	5. Railroad, steam	2			.004	.033				
	6. Railroad, street	10	1	.029	.024	.182	9	1	1	9
	7. Roller coaster	1	1	.003	.002	.016	1		1	1
	8. Runaway horse	2	1	.006	.007	.050	1	1	2	1
176	Rat bite				.009	.002				
177	Starvation									
178	Exposure to cold	2	1	.006	.009	.049	2		1	2
179	Heat exhaustion (sunstroke)	3	1	.009	.009	.066	2	1	3	1
180	Lightning									
181	Electric shock									
182	Homicide, firearms	12	19	.035	.068	.512	11	1	14	25



TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1921, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

Cause of death.		Calendar year 1921.									
		Total deaths.			General death rates.			Deaths by race and sex.			
		White.		All.	White.	Colored.	All.	White.		Colored.	
		Colored.	All.					Male.	Female.	Male.	Female.
<b>XIII. External causes—Continued.</b>											
183 Homicide, cutting instruments.....	1	5	6	.003	.044	.013	.009	.....	1	2	3
184 Homicide, other forms:	2	.....	2	.006	.....	.005	.033	.....	.....	.....	4
1. Abortion, criminal.....	5	.....	10	.015	.044	.022	.165	4	1	3	2
2. Assault.....	1	.....	1	.000	.000	.002	.017	.....	.....	1	7
3. Automobile, struck by.....	2	.....	2	.018	.018	.004	.033	.....	.....	2	1
4. Burns.....	1	.....	1	.003	.003	.002	.016	1	.....	.....	2
5. First blow in fight.....	3	.....	3	.008	.008	.007	.050	.....	3	.....	1
6. Illuminating gas.....	1	.....	1	.003	.003	.002	.017	.....	.....	1	3
7. Strangulation.....	1	.....	1	.003	.003	.002	.016	1	.....	1	1
Fracture of skull, accidental.....	1	.....	1	.003	.003	.007	.049	1	.....	3	.....
Other external causes (accidental):	1	2	3	.003	.018	.007	.049	1	.....	1	.....
1. Falling body, struck by.....	1	.....	1	.009	.009	.002	.015	.....	.....	1	.....
2. Foreign body in larynx.....	1	.....	1	.009	.009	.002	.017	.....	.....	1	.....
3. Legal execution.....	1	.....	1	.003	.003	.002	.016	1	.....	.....	.....
4. Caught between mooring line and capstan.....	1	.....	1	.003	.003	.002	.017	.....	.....	1	.....
5. Myelitis, traumatic.....	1	.....	1	.003	.003	.002	.016	1	.....	1	.....
Battle wound.....	1	.....	1	.003	.003	.002	.016	.....	.....	.....	.....
Total external causes.....	298	104	402	.872	.925	.885	6.637	197	101	67	37
<b>XIV. Ill-defined diseases.</b>											
Ill-defined organic diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sudden death.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ill-defined causes:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1. General debility.....	1	.....	1	.003	.003	.002	.017	.....	1	.....	1
2. Malaria (1 year and over).....	2	.....	2	.005	.005	.014	.033	1	.....	1	1
3. Meningismus.....	1	.....	1	.003	.003	.009	.015	.....	.....	1	.....
4. Unknown.....	1	2	3	.003	.015	.007	.050	.....	1	2	1
Total ill-defined diseases.....	4	3	7	.012	.027	.015	.116	1	3	3	3

## SUMMARY.

I. General diseases.....	941	533	1,474	2,754	4,744	3,247	24,335	478	463	271	262	749	725
II. Diseases of nervous system and organs of special sense.....	468	184	1,652	1,370	1,638	1,435	10,734	223	245	80	98	319	343
III. Diseases of circulatory system.....	803	332	1,135	2,350	2,951	2,501	18,738	421	379	139	193	513	572
IV. Diseases of respiratory system.....	354	332	682	1,036	2,955	1,311	11,323	155	169	153	176	341	345
V. Diseases of digestive system.....	318	167	485	.481	1,480	1,008	8,007	170	148	85	82	235	230
VI. Diseases of genito-urinary system (nonvenereal).....	411	228	639	1,203	2,029	1,408	10,330	229	182	111	117	340	239
VII. The puerperal state.....	53	25	78	.135	.222	.172	1,287	.....	53	.....	25	.....	78
VIII. Diseases of skin and cellular tissue.....	19	10	29	.053	.089	.033	.479	12	7	3	7	15	14
IX. Diseases of bones and organs of locomotion.....	7	2	9	.021	.018	.020	.149	4	3	1	1	5	4
X. Malformations.....	35	9	45	.105	.080	.099	.743	18	18	5	4	23	22
XI. Early infancy.....	236	135	371	.691	1,201	.817	6,125	137	99	63	72	200	171
XII. Senility.....	30	15	45	.087	.133	.099	.743	10	20	5	10	15	30
XIII. External causes.....	298	104	402	.872	.926	.885	6,637	197	101	67	37	264	138
XIV. Ill-defined diseases.....	4	3	7	.012	.027	.015	.116	1	3	3	.....	4	3
Total deaths all causes.....	3,978	2,079	6,057	11,643	18,502	13,340	(99,999) 100,000	2,088	1,890	995	1,084	3,083	2,974



[illegible]

















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[illegible]



[illegible]









[illegible]

TABLE 1b.—Showing deaths in the District of Columbia during the calendar year 1921, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

Classification number.	Cause of death.	Total deaths, Year 1921.	July.		August.		September.		October.		November.		December.			
			White.		Colored.		White.		Colored.		White.		Colored.			
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VIII. Diseases of skin and cellular tissue.																
142	Gangrene of extremities.....	14	1	1					1	1	2			2	1	
143	Carbuncle.....	1	1			1										
144	Cellulitis.....	4	1				1								1	
145	Diseases of skin:	2		1												
1	1. Eczema.....	1					1					1				
2	2. Impetigo, contagious.....	1														
3	3. Pemphigus.....															
29	Total diseases of skin and cellular tissue.....	29	3	1	1		1	2	1	2	1		2	1	1	
IX. Diseases of bones and organs of locomotion.																
146	Diseases of bones:	1														
1	1. Abscess of antrum.....	1							1							
2	2. Empyema, frontal sinus.....	1														
3	3. Ethmoiditis.....	1					1									
4	4. Mastoiditis.....	1														
5	5. Osteomyelitis.....	1														
147	Arthritis.....	1														
148	Amputation.....															
149	Other diseases of organs of locomotion.....															
	Total diseases of bones and organs of locomotion.....	9	1					1		1						
X. Malformations.																
150	Congenital malformations:	2														
1	1. Cleft palate.....	3										1				
2	2. Foramen ovale, patent.....	1								1			1	1		
3	3. Hydrocephalus.....	1							1							
4	4. Malformations.....	1														
5	5. Monstrosity.....	1														
6	6. Spina bifida.....					1										
	Total malformations.....	45	3	1		1			2	1	1	1	1	1	1	

## XI. Early infancy.

[illegible]

## XII. Old age.

154	Senility.....	45	1	2	1	.....	1	1	.....	2	2	.....	1	2	.....	1	3	.....
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### XIII. External causes.

[illegible]



[illegible]





## 34 Tuberculosis, other organs:

1. Kidneys.....
2. Bones.....

## 35 Tuberculosis, generalized.....

## 36 Rickets.....

## 37 Syphilis:

1. Adults.....
2. Congenital.....

## 38 Phagedenic ulcer.....

## 39 Cancer of buccal cavity:

1. Jaw.....
2. Lip.....
3. Tongue.....
4. Tonsil.....

## 40 Cancer of stomach, liver, etc.:

1. Liver.....
2. Oesophagus.....
3. Pharynx.....
4. Stomach.....

## 41 Cancer of intestines.....

## 42 Cancer female genital organs:

1. Ovary.....
2. Uterus.....
3. Vulva.....

## 43 Cancer of breast.....

## 44 Cancer of skin:

1. Ear.....
2. Face.....

## 45 Cancer of other organs:

1. Abdomen.....
2. Arm.....
3. Back.....
4. Bladder.....
5. Eye.....
6. Femur.....
7. Generalized.....
8. Genitals.....
9. Groin.....
10. Kidneys.....
11. Larynx.....
12. Leg.....
13. Lung.....
14. Lymphatics.....
15. Mediastinum.....
16. Neck.....
17. Pancreas.....
18. Pelvis.....
19. Penis.....
20. Pleura.....
21. Prostate.....
22. Shoulder.....
23. Spine.....



[illegible]

### III. Diseases of circulatory system.

[illegible]



[illegible]



## XVIII. Diseases of skin and cellular tissue.

[illegible]





[illegible]

**Total external causes..**

TABLE 1c.—Showing deaths in the District of Columbia during the calendar year 1921, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of deaths—Continued.

Classi- fica- tion No.	Cause of death.	Under 1 year.						1 year.						2 years.						3 years.						4 years.						Total under 5 years.					
		White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			White.			Colored.			Total by race.					
		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	W.	C.	All.				
		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	W.	C.	All.				

[illegible]







[illegible]





[illegible]

TABLE 1c.—Showing deaths in the District of Columbia during the calendar year 1921, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of deaths—Continued.

Classi- fica- tion No.	Cause of death.	5 to 9 years.		10 to 19 years.		20 to 29 years.		30 to 39 years.		40 to 49 years.		50 to 59 years.		60 to 69 years.		70 to 79 years.		80 to 89 years.		90 years and over.	
		W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
		M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
	VII. <i>The puerperal state.</i>																				
134	Accidents of pregnancy:																				
	1. Abortion, accidental.....					2		1													
	2. Abortion, self-induced.....			1		1		1													
	3. Hyperemesis gravidarum.....					1		1													
	4. Pregnancy, ectopic.....					4		2													
135	Puerperal hemorrhage.....			1		2		2													
136	Other accidents of labor:																				
	1. Caesarian section																				
	(mother).....					4		1													
	2. Dystocia (dead foetus).....							1													
	3. Inversion, pregnant					1		1													
	uterus.....																				
	4. Malpresentation.....							1													
	5. Ruptured, pregnant																				
	thrust.....					1		1													
137	Puerperal sepsis.....			1		1		1													
137	Puerperal sepsis.....			2		4		5		1		1									
138	Puerperal sepsis.....																				
139	Puerperal sepsis and eclamp-			1		2		3		5		2		1							
140	sia.....					9		5		5		1									
	Puerperal embolism.....							1													
	Other puerperal diseases (in-																				
	sanity, etc.).....																				
141	Puerperal diseases of breast.....																				
	Total, the puerperal state.			2		6		28		8		3		2							
	VIII. <i>Diseases of skin and cellular tissue.</i>																				
142	Gangrene extremities.....							1		1		1		1		2		1		1	
143	Carbuncle.....			1		1															
144	Cellulitis.....							2		1		1		1							

### REPORT OF THE HEALTH OFFICER.

[illegible]



[illegible]







TABLE 1d.—Showing deaths in the District of Columbia during the calendar year 1921, arranged with reference to marital relations and to nativity, and classified with reference to race, sex, and causes of death.

Classification number.	Cause of death.	Marital relations.										Nativity.										
		Married.		Single.		Widow or widower.		Unknown.		District of Columbia.		Other parts of the United States.		Foreign.		Unknown.						
		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
		I. General diseases.																				
1	Typhoid fever.....	4	1	5		9	3	5	2			4	1	4	1	5	2	6	1		3	1
2	Typhus fever.....																					
3	Relapsing fever.....					1		1														
4	Malaria.....																					
5	Smallpox.....																					
6	Measles.....					5	4	2				4	2	2		1	2					
7	Scarlet fever.....					4	4	1				2	4	1		2						
8	Whooping cough.....					2	3	1				1	1	4	1	2						
9	Diphtheria and croup.....	1	1			22	28	2	3			17	19	1	1	6	9	1	2		1	
10	Influenza (grippe).....	6	8	1	1	1	4	3	4	2	3	3	2	4	2	5	10	1	3	1	3	
11	Miliary fever.....																					
12	Asiatic cholera.....																					
13	Cholera nostras.....					2	4	1	2			1	1	2		3						
14	Dysentery.....																					
15	Jaundice.....																					
16	Yellow fever.....																					
17	Leprosy.....																					
18	Erysipelas.....	1				3	2		1	1	1	4				4	1					
19	Other epidemic diseases.....																					
20	Septicæmia and purulent infection.....	3	3			6	1	1	1	1	1	4	2	1		5	1		1		1	2
21	Glanders.....																					
22	Anthrax.....																					
23	Rabies.....																					
24	Tetanus.....					1		1								1		1				
25	Myositis.....																					
26	Pellagra.....					1	1	1								1	1				1	
27	Beriberi.....																					
28	Tuberculosis, pulmonary.....	47	32	63	57	68	27	73	50	11	17	8	8	2		45	31	55	55	64	38	83
29	Tuberculosis, acute miliary.....																					
30	Tuberculosis, meningeal.....	4	1	2	3	1	5	2				4	1	6	2	3		3		3		
31	Tuberculosis, abdominal.....	1	1	1	1	2	3	2	2	1	1	1	1	2	3	6	2	3	5	2	1	4

[illegible]

TABLE 1d.—Showing deaths in the District of Columbia during the calendar year 1921, arranged with reference to marital relations and to nativity, and classified with reference to race, sex, and causes of death—Continued.

Classi- fication num- ber.	Cause of death.	Marital relations.										Nativity.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		Married.			Single.			Widow or widower.				District of Columbia.				Other parts of the United States.				Foreign.				Unknown.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		W.		C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
45	I. General diseases—Continued.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

## VI. Diseases of nervous system and organs of special sense.

[illegible]

### III. Diseases of circulatory system.

[illegible]

TABLE 1d.—Showing deaths in the District of Columbia during the calendar year 1921, arranged with reference to marital relations and to nativity, and classified with reference to race, sex, and causes of death—Continued.

Classi- fica- tion num- ber.	Cause of death.	Marital relations.												Nativity.																			
		Married.				Single.				Widow or widower.				Unknown.				District of Columbia.				Other parts of the United States.				Foreign.				Unknown.			
		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.		W.		C.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
84	Status lymphaticus.....																																
85	Fibrillation.....																																
	Total diseases of circulatory system.....	235	98	78	68	91	63	27	35	91	217	34	89	7	1	1	86	70	23	42	236	222	109	138	86	75	1	16	12	6	13		
IV. Diseases of respiratory system.																																	
86	Adenoids.....																																
	Echinodermis.....																																
87	Laryngitis.....																																
88	Thyroiditis.....																																
89	Brochitis, acute.....																																
	Brochitis, capillary.....																																
90	Bronchitis, chronic.....																																
91	Pneumonia, broncho, etc.....																																
92	Pneumonia, lobar, etc.....																																
93	Empyema.....																																
	Pleurisy.....																																
94	Pulmonary congestion.....																																
	Pulmonary edema.....																																
95	Pulmonary gangrene.....																																
96	Asthma, bronchial.....																																
97	Pulmonary emphysema.....																																
98	Pulmonary abscess.....																																
	Pulmonary hemorrhage.....																																
	Total diseases of respiratory system.....	58	32	41	45	97	69	97	88	27	67	13	41	3	1	2	59	67	88	95	75	79	61	72	40	18	1	11	5	6	9		

### V. Diseases of digestive system.

[illegible]

## V.1 Nonvenereal diseases of genitourinary system.

[illegible]









[illegible]



[illegible]



TABLE 4.—*Summary of decedents (stillbirths excluded) in the District of Columbia under 1 year of age, by race, age, and months, during the calendar year 1921.*

Age.	Deaths.			Percentage of—		
	White.	Colored.	All.	Whites under 1 year.	Colored under 1 year.	Total under 1 year.
Under 1 day.....	113	64	177	26.10	20.13	23.57
1 day to 1 week.....	85	53	138	19.63	16.67	18.38
1 week to 1 month.....	82	46	128	18.94	14.47	17.04
1 to 2 months.....	29	30	59	6.70	9.43	7.86
2 to 3 months.....	20	16	36	4.62	5.03	4.79
3 to 4 months.....	15	8	23	3.46	2.52	3.06
4 to 5 months.....	10	14	24	2.31	4.40	3.20
5 to 6 months.....	7	16	23	1.62	5.03	3.06
6 to 7 months.....	21	16	37	4.85	5.03	4.93
7 to 8 months.....	8	14	22	1.85	4.40	2.93
8 to 9 months.....	10	12	22	2.31	3.77	2.93
9 to 10 months.....	13	6	19	3.00	1.89	2.53
10 to 11 months.....	10	10	20	2.31	3.14	2.66
11 to 12 months.....	10	13	23	2.30	4.09	3.06
Total.....	433	318	751	100.00	100.00	100.00

TABLE 5.—*Number and age of decedents in the District of Columbia, 70 years of age and over, during the calendar year 1921.*

Age (years).	White.		Colored.		Total.	Age (years).	White.		Colored.		Total.
	Male.	Fe-male.	Male.	Fe-male.			Male.	Fe-male.	Male.	Fe-male.	
70.....	33	42	14	20	109	88.....	4	12	1	.....	17
71.....	34	33	6	9	82	89.....	7	6	1	2	16
72.....	34	37	12	12	95	90.....	4	9	3	3	19
73.....	29	37	5	5	76	91.....	2	4	1	1	8
74.....	35	37	3	8	83	92.....	1	3	1	.....	5
75.....	44	44	12	13	113	93.....	.....	5	.....	.....	5
76.....	43	41	9	5	98	94.....	2	3	.....	.....	5
77.....	28	26	6	3	63	95.....	1	1	.....	.....	2
78.....	29	35	4	8	76	96.....	.....	2	.....	1	3
79.....	20	31	3	5	59	97.....	1	1	.....	.....	2
80.....	33	40	8	5	86	98.....	.....	1	.....	.....	1
81.....	25	32	7	1	65	99.....	.....	.....	.....	.....	.....
82.....	12	22	1	2	37	100.....	.....	.....	.....	1	1
83.....	11	24	.....	.....	35	108.....	.....	.....	1	.....	1
84.....	13	25	4	.....	42	109.....	.....	.....	1	.....	1
85.....	17	16	4	4	41	111.....	.....	.....	.....	1	1
86.....	8	15	.....	3	26						
87.....	3	13	1	2	19	Total..	473	597	108	114	1,292

TABLE 9.—*Estimated population, deaths (stillbirths excluded), and death rate in the District of Columbia, by race and calendar years, from 1901 to 1921.*

Year.	Population.			Deaths.			Death rates.		
	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.
1901-1905 <sup>1</sup> .....	217,606	93,719	311,325	3,395	2,647	6,042	15.60	28.20	19.41
1906-1910 <sup>1</sup> .....	240,244	96,696	336,940	3,626	2,678	6,304	15.09	27.69	18.71
1911-1915 <sup>1</sup> .....	255,162	98,281	353,443	3,665	2,523	6,188	14.35	25.63	17.49
1916-1920 <sup>1</sup> .....	307,076	106,194	413,270	4,512	2,608	7,120	14.76	24.70	17.33
1921.....	341,662	112,364	454,026	3,978	2,079	6,057	11.64	18.50	13.34

<sup>1</sup> Average for 5-year period.

TABLE 10.—*Summary of deaths (stillbirths excluded) in the District of Columbia of children under 1 year of age, by sex and color, and by months and years.*

Calendar year.	White.		Colored.		Grand total.		
	Male.	Female.	Male.	Female.	White.	Colored.	Total.
1901-1905 <sup>1</sup> .....	297	218	353	297	515	650	1,165
1906-1910 <sup>1</sup> .....	297	225	319	273	522	592	1,114
1911-1915 <sup>1</sup> .....	239	172	231	193	411	424	835
1916.....	237	176	194	159	413	353	766
1917.....	211	162	181	176	373	357	730
1918.....	275	233	226	178	508	404	912
1919.....	221	176	158	147	397	305	702
1920.....	267	186	188	160	453	348	801
1916-1920 <sup>1</sup> .....	242	187	189	164	429	353	782
1921.....	256	177	170	148	433	318	751

<sup>1</sup> Annual average for 5-year period.TABLE 11.—*Births and deaths (stillbirths excluded) in the district of Columbia, by races, under 1 year of age and from 1 to 4 years, inclusive.*

Years.	White.			Colored.			Total.		
	Births.	Deaths under 1 year.	Deaths 1 to 4 years.	Births.	Deaths under 1 year.	Deaths 1 to 4 years.	Births.	Deaths under 1 year.	Deaths 1 to 4 years.
1901-1905 <sup>1</sup> .....	3,429	519	168	1,980	650	246	5,409	1,169	414
1906-1910 <sup>1</sup> .....	4,632	522	163	2,268	592	200	6,900	1,114	363
1911-1915 <sup>1</sup> .....	4,794	411	123	2,234	424	154	7,028	835	277
1916-1920 <sup>1</sup> .....	5,746	429	167	2,279	353	151	8,025	782	318
1921.....	6,448	433	148	2,580	318	107	9,028	751	255

<sup>1</sup> Annual average for 5-year period.TABLE 12.—*Deaths (stillbirths excluded) of infants under 1 day, and from 1 day to 1 week old, in the District of Columbia, with corresponding death rates based on registered births, during the years mentioned below.*

Years.	Registered births.			Deaths under 1 day.			Death rates under 1 day.			Deaths 1 to 7 days.			Death rates 1 to 7 days.		
	W.	C.	All.	W.	C.	All.	W.	C.	All.	W.	C.	All.	W.	C.	All.
1901-1905 <sup>1</sup> .....	3,429	1,980	5,409	70	54	124	20.4	27.3	23.0	76	82	158	22.2	41.4	29.2
1906-1910 <sup>1</sup> .....	4,632	2,268	6,900	78	53	131	16.8	23.4	18.9	88	69	157	19.0	30.4	22.8
1911-1915 <sup>1</sup> .....	4,794	2,234	7,028	81	51	132	16.9	22.8	18.7	70	62	132	14.6	27.8	18.8
1916-1920 <sup>1</sup> .....	5,746	2,279	8,025	92	47	139	16.0	20.6	17.3	81	62	143	14.1	27.2	17.8
1921.....	6,448	2,580	9,028	113	64	177	17.5	24.8	19.6	85	53	138	13.2	20.5	15.3

<sup>1</sup> Annual average for 5-year period.

TABLE 13.—Deaths (stillbirths excluded) and death rates in the District of Columbia, by race and by months, during the years mentioned below.

Calendar year.	January.					February.					March.				
	White.		Colored.			White.		Colored.			White.		Colored.		
	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.
1901-1905 <sup>1</sup> .....	323	148	251	268	184	307	141	228	243	171	332	152	226	241	179
1906-1910 <sup>1</sup> .....	338	140	237	245	170	325	135	224	231	163	343	142	257	264	178
1911-1915 <sup>1</sup> .....	344	135	224	228	161	340	133	217	220	157	374	146	240	244	174
1916-1920 <sup>1</sup> .....	501	163	278	262	188	412	134	234	220	156	424	138	244	220	162
1921.....	382	112	181	161	124	379	111	165	147	120	368	108	183	163	121
Calendar year.	April.					May.					June.				
	White.		Colored.			White.		Colored.			White.		Colored.		
	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.
1901-1905 <sup>1</sup> .....	287	132	217	231	162	251	115	201	214	145	253	116	231	246	155
1906-1910 <sup>1</sup> .....	314	131	228	235	161	282	117	206	213	145	280	116	223	230	149
1911-1915 <sup>1</sup> .....	327	128	227	231	156	289	113	202	205	139	261	102	193	196	128
1916-1920 <sup>1</sup> .....	358	117	211	199	138	319	104	192	181	124	279	91	177	167	110
1921.....	380	111	171	152	121	304	89	179	159	106	299	88	173	154	101
Calendar year.	July.					August.					September.				
	White.		Colored.			White.		Colored.			White.		Colored.		
	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.
1901-1905 <sup>1</sup> .....	314	144	282	300	191	253	116	227	242	154	237	109	186	198	136
1906-1910 <sup>1</sup> .....	322	134	268	277	175	267	111	216	223	143	264	110	194	201	136
1911-1915 <sup>1</sup> .....	299	117	221	224	147	258	101	205	208	131	261	102	187	190	127
1916-1920 <sup>1</sup> .....	301	98	210	198	124	277	90	189	178	113	286	93	185	174	114
1921.....	298	87	180	160	121	270	79	176	156	98	281	82	133	118	91
Calendar year.	October.					November.					December.				
	White.		Colored.			White.		Colored.			White.		Colored.		
	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.	Deaths.	Monthly death rate per 100,000.	Deaths.	Monthly death rate per 100,000.	Monthly death rate per 100,000 total population.
1901-1905 <sup>1</sup> .....	270	124	198	212	150	271	125	185	197	146	297	136	217	231	165
1906-1910 <sup>1</sup> .....	278	116	205	212	143	280	117	196	203	141	334	139	224	232	166
1911-1915 <sup>1</sup> .....	282	110	207	210	138	300	118	201	204	142	330	129	200	202	150
1916-1920 <sup>1</sup> .....	579	189	269	253	205	351	114	184	173	129	423	138	232	218	158
1921.....	330	97	205	182	118	327	96	136	121	102	360	105	197	175	123

<sup>1</sup> Annual average for 5-year period



TABLE 14.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below.*

Year.	1 Aneurism.						2 Angina pectoris.						3 Apoplexy.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	4	3	7	1.8	3.2	2.2	18	4	22	8.3	4.3	7.1	177	91	268	81.3	97.1	86.8
1906-1910 <sup>1</sup> .....	6	7	13	2.5	7.2	3.8	15	4	19	6.2	4.1	5.6	216	111	327	90.0	114.8	97.8
1911-1915 <sup>1</sup> .....	7	8	15	2.7	8.0	4.2	20	5	25	7.8	5.1	7.1	273	140	413	106.9	144.2	116.7
1916-1920 <sup>1</sup> .....	7	12	19	2.3	11.3	4.6	28	4	32	9.1	3.7	7.9	338	153	491	110.1	144.1	118.8
1921.....	12	9	21	3.5	8.0	4.6	40	1	41	11.7	0.9	9.0	325	138	463	95.1	122.8	102.0

Year.	4 Arteriosclerosis.						5 Bright's disease.						6 Cirrhosis of liver.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	29	6	35	13.3	6.4	11.2	233	127	360	107.1	135.5	115.6	27	7	34	12.4	7.5	10.9
1906-1910 <sup>1</sup> .....	71	13	84	29.5	13.4	24.9	283	159	442	117.8	164.5	131.2	33	10	43	13.7	10.3	12.8
1911-1915 <sup>1</sup> .....	98	22	120	38.4	12.2	33.9	347	197	544	135.8	200.1	153.7	34	8	42	13.3	8.0	11.9
1916-1920 <sup>1</sup> .....	152	24	176	49.4	22.6	42.6	345	204	549	112.3	192.1	132.8	24	5	29	7.8	4.7	7.0
1921.....	146	37	183	42.7	32.9	40.3	332	163	495	97.1	145.0	109.0	15	11	26	4.4	9.8	6.1

Year.	7 Diabetes.						8 Diarrhea and enteritis (under 2 years).						9 Diarrhea and enteritis (2 years and over).					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	27	4	31	12.4	4.3	9.9	126	197	323	57.9	210.2	103.8	56	26	82	23.7	27.7	26.3
1906-1910 <sup>1</sup> .....	37	4	41	15.4	4.1	12.2	128	177	305	53.3	183.1	90.5	50	22	72	20.8	22.7	21.4
1911-1915 <sup>1</sup> .....	50	8	58	19.5	8.0	16.3	81	111	192	31.7	112.7	54.2	43	20	63	16.8	20.3	17.8
1916-1920 <sup>1</sup> .....	50	16	66	16.3	15.9	15.9	88	91	179	20.0	85.7	43.3	42	26	68	13.7	24.5	16.5
1921.....	51	18	69	11.9	16.0	15.2	70	49	119	20.5	43.6	26.2	39	16	55	11.4	14.3	12.1

Year.	10 Diseases of the heart.						11 Dysentery.						12 Epilepsy.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	277	216	493	127.3	230.5	158.4	13	10	23	6.0	10.7	7.4	14	10	24	6.4	10.7	7.7
1906-1910 <sup>1</sup> .....	332	236	568	138.3	244.1	168.6	7	9	16	2.9	9.3	4.7	13	9	22	5.4	9.3	6.5
1911-1915 <sup>1</sup> .....	461	277	738	180.5	281.3	238.5	4	3	7	1.6	3.0	2.0	10	11	21	3.9	11.1	5.9
1916-1920 <sup>1</sup> .....	491	236	727	159.8	222.2	175.9	3	4	7	0.9	3.8	1.7	9	8	17	2.9	7.5	4.1
1921.....	483	207	690	141.4	184.2	152.0	5	4	9	1.5	3.6	2.0	6	0	6	1.8	.....	1.3

<sup>1</sup> Annual average 5-year period.

TABLE 14.—Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.

Year.	13 Gastritis.						14 Grippe.						15 Insanity.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	44	24	68	20.2	25.6	21.8	51	38	89	23.4	40.5	28.6	27	8	35	12.4	8.5	11.2
1906-1910 <sup>1</sup> .....	41	32	73	17.1	33.1	21.7	32	44	96	21.6	45.5	28.5	25	11	36	10.4	11.4	10.7
1911-1915 <sup>1</sup> .....	25	29	54	19.8	29.5	15.3	40	31	71	15.7	31.5	20.1	41	22	63	16.1	22.3	17.8
1916-1920 <sup>1</sup> .....	14	17	31	4.6	16.0	7.5	437	145	582	142.3	136.5	140.8	51	25	76	16.6	23.5	18.4
1921.....	17	16	23	5.0	14.2	7.3	24	10	34	7.0	8.9	7.5	33	17	50	9.6	15.2	11.0

Year.	16 Malaria fevers.						17 Malignant growths.						18 Pneumonia, all forms.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	12	11	23	5.5	11.7	7.4	166	52	218	76.3	55.5	70.0	219	288	507	100.6	307.3	162.9
1906-1910 <sup>1</sup> .....	5	6	11	2.1	6.2	3.2	212	64	276	88.3	66.2	81.9	246	304	550	102.5	314.0	163.2
1911-1915 <sup>1</sup> .....	2	1	3	0.8	1.0	0.8	259	80	339	101.4	81.2	95.8	262	285	547	102.6	289.5	154.6
1916-1920 <sup>1</sup> .....	1	1	2	0.3	0.9	0.5	325	89	414	105.8	83.8	100.1	427	381	808	139.1	358.8	195.5
1921.....	1	1	2	0.3	0.9	0.4	390	107	497	114.1	95.2	109.5	282	267	549	82.5	237.6	120.9

Year.	19 Rheumatism, acute and chronic.						20 Rabies.						21 Softening of the brain.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	25	10	35	11.5	10.6	11.2							12	6	18	5.5	6.4	5.7
1906-1910 <sup>1</sup> .....	20	11	31	8.3	11.4	9.2							15	6	21	8.7	6.2	6.2
1911-1915 <sup>1</sup> .....	15	9	24	5.9	9.1	6.8							6	2	8	2.3	2.0	2.3
1916-1920 <sup>1</sup> .....	15	4	19	4.9	3.8	4.6							2	1	3	0.6	0.9	0.7
1921.....	6	5	11	1.7	4.4	2.4							3	0	3	0.9	.....	0.

Year.	22 Suicides.						23 Steam railroad accidents.						24 Street railroad accidents.					
	Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.			Deaths.			Death rates per 100,000.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	46	5	51	21.1	5.3	16.4	18	6	24	8.3	6.4	7.7	6	2	8	2.8	2.1	2.6
1906-1910 <sup>1</sup> .....	62	9	71	25.8	9.3	21.1	18	7	25	7.5	7.2	7.4	11	4	15	4.6	4.1	4.4
1911-1915 <sup>1</sup> .....	71	10	81	27.8	10.2	22.9	7	1	8	2.7	1.0	2.3	12	3	15	4.7	3.0	4.2
1916-1920 <sup>1</sup> .....	60	8	68	19.5	7.5	16.4	8	2	10	2.6	1.9	2.4	12	4	16	3.9	3.8	3.9
1921.....	182	2	184	53.2	1.8	40.5	2	0	2	0.6	.....	0.4	10	1	11	2.9	0.9	2.4

<sup>1</sup> Annual average 5-year period.

TABLE 15.—Deaths in the District of Columbia from cancers and other malignant tumors, by race and sex, for the years mentioned below.

Calendar year.	White.		Colored.		Total.		All.
	M.	F.	M.	F.	M.	F.	
1901-1905 <sup>1</sup> .....	61	105	14	39	75	144	219
1906-1910 <sup>1</sup> .....	88	124	17	47	105	171	276
1911-1915 <sup>1</sup> .....	104	156	26	53	130	209	339
1916-1920 <sup>1</sup> .....	128	195	29	60	157	255	412
1921.....	166	224	41	66	207	290	497

<sup>1</sup> Annual average 5-year period.

TABLE 16.—Deaths in the District of Columbia from cancers and other malignant growths arranged with reference to sex, race, marital relation, age, and organs involved, during the calendar year 1921.

Location.	Total.	White.		Colored.		Marital relation.		Age.											
		Male.	Female.	Male.	Female.	Married or widowed.	Single.	Unknown.	Under 5 years.	5 to 9 years.	10 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 to 89 years.	90 years and over.
Head, face, neck, etc.:																			
Jaw.....	6	4	2			5	1								2	3	1		
Lip.....	3	1			1	3	1										1	1	
Pharynx.....	2	2				2						1			1				
Tongue.....	11	5			6	9	2					1			5	2	2		
Tonsil.....	2	2				2													
Ear.....	3	2	1			3										1	1	1	
Eye.....	1	1				1										1		1	1
Face.....	3	2	1			2		1								1	1	1	
Larynx.....	5	3			2	5						1			2	1	1	1	
Neck.....	3	2			1	3								1		1	1		
Throat.....	6	4	2			6										4	1	1	
Thyroid.....	3		1	2		3									2		1		
Digestive system:																			
Intestines.....	70	32	30	4	4	62	8					1	4	8	17	26	11	3	
Liver.....	48	12	29	3	4	41	7						3	6	9	10	12	8	
Oesophagus.....	8	4	2	2		5	3							4	1	1	1	1	
Pancreas.....	9	4	4	1		7	1	1						1	3	4	1		
Stomach.....	103	42	30	14	17	87	16		1				10	21	25	23	17	6	
Female genital organs:																			
Breast.....	52		41		11	37	13	2				2	3	17	13	7	8	1	1
Ovary.....	7		6		1	5	2							2	4		1		
Uterus.....	66		41		25	61	5					1	4	15	23	13	9	1	
Vulva.....	2		2			2										1	1		
Unclassified:																			
Abdomen.....	7	3	3		1	5	2					1	1	1		1	1	2	
Arm.....	1	1			1	1								1					
Back.....	1	1				1													
Bladder.....	20	19	9	1		15	4	1							2	3	6	7	2
Femur.....	1	1				1						1							
Generalized.....	10	3	6	1		7	3					1		2		3	2	2	
Genitals.....	1	1				1										1			
Groin.....	2	1			1	1	1					1							
Kidneys.....	2	1	1			1	1								1				
Leg.....	2	2				2									1	1			
Lung.....	9	7	2			6	3							2	1	2	3	1	
Lymphatics.....	1	1		1		1												1	
Mediastinum.....	6	2	3	1		5	1								1	1	1	1	
Pelvis.....	3		3			3						1	1	1	1	1	1		
Penis.....	1			1		1											2		1
Pleura.....	1		1			1													
Prostate.....	6	6				5	1									1			
Shoulder.....	1			1		1	1										3	2	1
Spine.....	1	1				1								1					
Spleen.....	5	2	3			5						1			1	1	1	2	
Testicle.....	1	1				1								1					
Thigh.....	2	2				1	1					1			1				
Total.....	497	166	224	41	66	414	78	5	1		3	11	31	94	118	119	89	29	2

TABLE 17.—*Anterior poliomyelitis, acute: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1912 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1912-1915 <sup>1</sup> .....		2	2		2.0	0.6	5	2	7	2.0	2.0	2.0	100.0		28.6
1916-1920 <sup>1</sup> .....	2		2	.6		.6	10	2	12	3.2	1.9	2.9	20.0		16.6
1921.....	6	1	7	1.7	.9	1.5	37	3	40	10.8	2.7	8.8	16.2	33.3	17.5

<sup>1</sup> Annual average for 5-year period.TABLE 17a.—*Anterior poliomyelitis, acute: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....				1		1
February.....						
March.....	1	1			1	1
April.....						
May.....						
June.....						
July.....	18	3			18	3
August.....	5		1		6	
September.....	7	1			7	1
October.....	6	1	2		8	1
November.....						
December.....						
Total.....	37	6	3	1	40	7

NOTE.—One death occurred in January, 1921, the case being reported in December, 1920.

TABLE 17b.—*Anterior poliomyelitis, acute: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	6			1	1		7	1	
1 to 4 years.....	22	3	13.6	2			24	3	12.5
5 to 9 years.....	5	2	40.0				5	2	40.0
10 to 19 years.....	2						2		
20 to 29 years.....	1						1		
30 to 39 years.....									
40 to 49 years.....									
50 to 59 years.....	1	1	100.0				1	1	100.0
60 to 69 years.....									
70 years and over.....									
Total.....	37	6	16.2	3	1	33.3	40	7	17.5

NOTE.—One death occurred in January, 1921, the case being reported in December, 1920.

TABLE 18.—*Chicken pox: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1907 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1907-1910.....	0.25		0.25				178.	103	581	196.8	106.3	171.0	0.05		0.4
1911-1915 <sup>1</sup> .....							726.	174	900	284.5	177.0	254.6			
1916.....							918.	221	1,139	351.9	222.9	316.4			
1917.....							1,070.	180	1,250	364.7	175.4	315.7			
1918.....							650.	78	728	207.8	74.5	174.4			
1919.....							980.	243	1,223	287.6	211.9	268.5			
1920.....							1,096.	152	1,248	354.5	138.2	285.2			
1916-1920 <sup>1</sup> .....							943.	175	1,118	307.1	164.8	270.5			
1921.....							1,006.	134	1,240	294.4	119.2	251.1			

<sup>1</sup> Annual average for 5-year period.TABLE 18a.—*Chicken pox: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	210		18		228	
February.....	153		23		176	
March.....	202		20		222	
April.....	96		12		108	
May.....	35		18		53	
June.....	29		13		42	
July.....	12		1		13	
August.....						
September.....	7		3		10	
October.....	13		1		14	
November.....	73		7		80	
December.....	176		18		194	
Total.....	1,006		134		1,140	

TABLE 18b.—*Chicken pox: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	34			16			50		
1 to 4 years.....	279			30			309		
5 to 9 years.....	528			56			584		
10 to 19 years.....	117			20			137		
20 to 29 years.....	32			11			43		
30 to 39 years.....	9						9		
40 to 49 years.....	6			1			7		
50 to 59 years.....	1						1		
60 to 69 years.....									
70 years and over.....									
Total.....	1,006			134			1,140		

TABLE 19.—*Diphtheria: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1896 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	37	17	54	17.0	18.0	17.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
1905-1910 <sup>1</sup> .....	24	8	32	10.0	8.0	10.0	391	61	452	166.2	61.2	133.5	6.1	13.1	7.1
1911-1915 <sup>1</sup> .....	20	4	24	7.8	4.1	6.8	402	105	507	157.5	106.8	140.6	4.8	3.8	4.7
1916-1920 <sup>1</sup> .....	46	12	58	14.9	11.3	13.7	711	125	836	231.6	117.7	202.3	6.5	9.6	6.9
1921.....	52	5	57	15.2	4.5	12.5	863	72	935	252.6	64.1	205.9	6.0	6.9	6.1

<sup>1</sup> Annual average for 5-year period.TABLE 19a.—*Diphtheria: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	102	6	4	.....	106	6
February.....	125	9	6	.....	131	9
March.....	59	5	5	.....	64	5
April.....	28	5	5	.....	33	5
May.....	29	1	2	.....	31	1
June.....	27	.....	6	2	33	2
July.....	12	1	2	.....	14	1
August.....	7	2	2	.....	9	2
September.....	46	3	3	1	49	4
October.....	81	2	12	1	93	3
November.....	169	10	13	.....	182	10
December.....	178	8	12	1	190	9
Total.....	863	52	72	5	935	57

TABLE 19b.—*Diphtheria: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	33	4	12.1	9	1	11.1	42	5	11.9
1 to 4 years.....	138	16	11.6	12	1	8.3	150	17	11.3
5 to 9 years.....	363	22	6.1	21	3	14.3	384	25	6.5
10 to 19 years.....	202	7	3.5	21	.....	.....	223	7	3.1
20 to 29 years.....	78	.....	.....	8	.....	.....	86	.....	.....
30 to 39 years.....	36	2	5.5	1	.....	.....	37	2	5.4
40 to 49 years.....	7	1	14.3	.....	.....	.....	7	1	14.3
50 to 59 years.....	4	.....	.....	.....	.....	.....	4	.....	.....
60 to 69 years.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70 years and over.....	2	.....	.....	.....	.....	.....	2	.....	.....
Total.....	863	52	6.0	72	5	6.9	935	57	6.1

TABLE 20.—*Measles: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	10	5	15	5.0	5.0	5.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
1906-1910 <sup>1</sup> .....	10	5	15	4.0	5.0	4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
1911-1915 <sup>1</sup> .....	8	3	11	3.1	3.1	3.1	12,188	549	2,737	857.5	558.6	774.4	0.4	0.5	0.4
1916-1920 <sup>1</sup> .....	12	2	14	3.9	1.9	3.4	2,486	357	2,843	809.5	336.2	687.1	.5	.6	.5
1921.....	9	2	11	2.6	1.8	2.4	3,489	668	4,157	1,021.2	594.5	915.6	.2	.3	.2

<sup>1</sup> Annual average for 5-year period.TABLE 20a.—*Measles: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	91	.....	21	.....	112	.....
February.....	434	2	116	.....	550	2
March.....	951	2	157	1	1,108	3
April.....	957	4	112	.....	1,069	4
May.....	686	.....	113	1	799	1
June.....	250	.....	88	.....	338	.....
July.....	84	.....	32	.....	116	.....
August.....	6	.....	.....	.....	6	.....
September.....	4	.....	.....	.....	4	.....
October.....	7	1	9	.....	16	1
November.....	8	.....	19	.....	27	.....
December.....	11	.....	1	.....	12	.....
Total.....	3,489	9	668	2	4,157	11

TABLE 20b.—*Measles: Cases and deaths, with percentage of deaths to cases, at certain age periods during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Percentage of deaths to cases.	Cases.	Deaths.	Percentage of deaths to cases.	Cases.	Deaths.	Percentage of deaths to cases.
Under 1 year.....	110	2	1.8	76	.....	.....	186	2	.....
1 to 4 years.....	1,138	6	.5	49	2	4.1	1,187	8	.....
5 to 9 years.....	1,722	1	.1	395	.....	.....	2,117	1	.....
10 to 19 years.....	387	.....	.....	121	.....	.....	508	.....	.....
20 to 29 years.....	100	.....	.....	6	.....	.....	106	.....	.....
30 to 39 years.....	26	.....	.....	15	.....	.....	41	.....	.....
40 to 49 years.....	4	.....	.....	2	.....	.....	6	.....	.....
50 to 59 years.....	1	.....	.....	2	.....	.....	3	.....	.....
60 to 69 years.....	1	.....	.....	2	.....	.....	3	.....	.....
70 years and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	3,489	9	.3	668	2	.3	4,157	11	0.3

TABLE 21.—*Meningitis, epidemic cerebrospinal: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	6	4	10	2.8	4.3	3.2									
1906-1910 <sup>1</sup> .....	9	7	16	3.7	7.2	4.7									
1911-1915 <sup>1</sup> .....	3	1	4	1.2	1.0	1.1	4	2	6	1.6	2.0	1.7	75.0	50.0	66.6
1916-1920 <sup>1</sup> .....	8	4	12	2.6	3.8	2.9	26	9	35	8.4	8.4	8.4	30.8	44.4	34.3
1921.....	3	1	4	.9	.9	.9	7	1	8	2.0	0.9	1.8	42.9	100.0	50.0

<sup>1</sup> Annual average for 5-year period.TABLE 21a.—*Meningitis, epidemic cerebrospinal: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	2				2	
February.....		1	1	1	1	2
March.....	1				1	
April.....	1				1	
May.....						
June.....						
July.....	1				1	
August.....						
September.....						
October.....	1	1			1	1
November.....						
December.....	1	1			1	1
Total.....	7	3	1	1	8	4

TABLE 21b.—*Meningitis, epidemic cerebrospinal: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	1	1	100.0				1	1	100.0
1 to 4 years.....	2	1	50.0				2	1	50.0
5 to 9 years.....	1						1		
10 to 19 years.....	1	1	100.0				1	1	100.0
20 to 29 years.....	2						2		
30 to 39 years.....				1	1	100.0	1	1	100.0
40 to 49 years.....									
50 to 59 years.....									
60 to 69 years.....									
70 years and over.....									
Total.....	7	3	42.8	1	1	100.0	8	4	50.0



TABLE 22.—Pellagra: Deaths and death rates, cases and case rates, per 100,000 population and percentage of deaths to cases, according to race, from 1913 to 1921, inclusive.

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1913-1915 <sup>1</sup> .....	2	9	11	0.8	9.2	3.1	4	12	16	1.6	12.2	4.5	50.0	75.0	68.8
1916-1920 <sup>1</sup> .....	5	4	9	1.6	3.7	2.2	7	6	13	2.3	5.7	3.1	71.4	66.7	69.2
1921.....	2	1	3	.6	.9	.7	4	1	5	1.2	1.0	1.1	50.0	100.0	60.0

<sup>1</sup> Annual average for 5-year period.

TABLE 22a.—Pellagra: Reported cases and deaths, by race and by months, during the calendar year 1921.

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....						
February.....						
March.....						
April.....						
May.....						
June.....	1				1	
July.....						
August.....	1		1	1	2	1
September.....						
October.....						1
November.....	1	1			1	1
December.....						
Total.....	4	2	1	1	5	3

TABLE 22b.—Pellagra: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....									
1 to 4 years.....									
5 to 9 years.....									
10 to 19 years.....									
20 to 29 years.....	1	1	100.0	1	1	100.0	1	1	100.0
30 to 39 years.....									
40 to 49 years.....	2	1					2	1	50.0
50 to 59 years.....	1						1		
60 to 69 years.....									
70 years and over.....									
Total.....	4	2	50.0	1	1	100.0	5	3	60.0

TABLE 23.—*Scarlet fever: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	7	1.0	8	3.0	1.0	3.0	480	46	526	199.5	48.0	154.9	1.9	4.3	2.1
1906-1910 <sup>1</sup> .....	9	2.0	11	4.0	2.0	3.0	402	36	438	157.5	36.6	123.9	1.5	1.1	1.4
1911-1915 <sup>1</sup> .....	6	.4	6	2.3	.4	1.7	621	66	687	202.2	62.2	166.2	1.3	.....	1.2
1916-1920 <sup>1</sup> .....	8	.4	8	2.6	.3	1.9	785	68	853	229.8	60.5	187.9	1.0	1.5	1.1
1921.....	8	1.0	9	2.3	.9	2.0	785	68	853	229.8	60.5	187.9	1.0	1.5	1.1

<sup>1</sup> Annual average for 5-year period.TABLE 23a.—*Scarlet fever: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	129	2	12	1	141	3
February.....	124	1	10	.....	134	1
March.....	143	1	5	.....	148	1
April.....	81	1	10	.....	91	1
May.....	44	.....	9	.....	53	.....
June.....	26	.....	1	.....	27	.....
July.....	8	.....	2	.....	16	.....
August.....	6	.....	.....	.....	6	.....
September.....	16	.....	.....	.....	17	.....
October.....	36	1	3	.....	39	1
November.....	86	.....	6	.....	92	.....
December.....	86	2	9	.....	95	2
Total.....	785	8	68	1	853	9

NOTE.—In addition to the above, one death occurred in 1921, the case being reported in December, 1920.

TABLE 23b.—*Scarlet fever: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	7	.....	.....	2	.....	.....	9	.....	.....
1 to 4 years.....	121	4	3.3	18	.....	.....	139	4	.....
5 to 9 years.....	329	3	.9	19	1	5.2	348	4	.....
10 to 19 years.....	260	1	.4	25	.....	.....	285	1	0.4
20 to 29 years.....	48	.....	.....	4	.....	.....	52	.....	.....
30 to 39 years.....	15	.....	.....	.....	.....	.....	15	.....	.....
40 to 49 years.....	3	.....	.....	.....	.....	.....	3	.....	.....
50 to 59 years.....	2	.....	.....	.....	.....	.....	2	.....	.....
60 to 69 years.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70 years and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	785	8	1.0	68	1	1.5	853	9	1.1

TABLE 24.—*Smallpox: Deaths and death rates, cases and case rates, per 100,000 population,\*and percentage of deaths to cases, according to race, from 1901 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	1.0	2.0	3.0	0.5	2.1	1.0	28	53	81	11.1	54.6	24.1	.....	.....	.....
1905-1910 <sup>1</sup> .....	.4	.4	.8	.2	.4	.2	19	51	70	7.4	51.9	19.8	.....	.....	.....
1911-1915 <sup>1</sup> .....	.....	.....	.....	.....	.....	.....	21	44	65	6.9	41.4	15.7	4.7	.....	1.5
1916-1920 <sup>1</sup> .....	1.0	.....	1.0	.3	.....	.2	42	24	66	12.3	21.4	14.5	.....	.....	.....
1921.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Annual average for 5-year period.TABLE 24a.—*Smallpox: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	3	.....	.....	.....	3	.....
February.....	5	.....	.....	.....	5	.....
March.....	13	.....	.....	.....	13	.....
April.....	4	.....	1	.....	5	.....
May.....	10	.....	3	.....	13	.....
June.....	1	.....	.....	.....	1	.....
July.....	5	.....	.....	.....	5	.....
August.....	.....	.....	.....	.....	.....	.....
September.....	1	.....	.....	.....	3	.....
October.....	.....	.....	2	.....	.....	.....
November.....	.....	.....	18	.....	18	.....
December.....	.....	.....	.....	.....	.....	.....
Total.....	42	.....	24	.....	66	.....

TABLE 24b.—*Smallpox: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	.....	.....	.....	1	.....	.....	1	.....	.....
1 to 4 years.....	3	.....	.....	4	.....	.....	7	.....	.....
5 to 9 years.....	4	.....	.....	1	.....	.....	5	.....	.....
10 to 19 years.....	7	.....	.....	3	.....	.....	10	.....	.....
20 to 29 years.....	14	.....	.....	9	.....	.....	23	.....	.....
30 to 39 years.....	5	.....	.....	2	.....	.....	7	.....	.....
40 to 49 years.....	5	.....	.....	4	.....	.....	9	.....	.....
50 to 59 years.....	1	.....	.....	.....	.....	.....	1	.....	.....
60 to 69 years.....	3	.....	.....	.....	.....	.....	3	.....	.....
70 years and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	42	.....	.....	24	.....	.....	66	.....	.....

TABLE 25.—*Tuberculosis, reportable forms: Deaths and death rates, cases and case rates, per 100,000 population and percentage of deaths to cases, according to race, from 1908 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases reported.			Case rate per 100,000.			Percentage of fatal cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1908-1910.....	277	392	669	112.8	402.4	195.1	570	637	1,207	231.7	654.1	351.5	48.6	61.6	55.5
1911-1915 <sup>1</sup> .....	318	429	747	124.6	433.5	211.3	567	587	1,154	222.2	597.3	326.5	56.1	73.1	64.7
1916-1920 <sup>1</sup> .....	296	342	638	96.4	322.1	154.4	636	485	1,121	207.1	456.7	271.3	46.5	70.5	56.9
1921.....	156	213	369	45.7	189.5	81.3	788	479	1,267	230.6	426.3	279.1	19.8	44.5	29.1

<sup>1</sup>Annual average for 5-year period.TABLE 25a.—*Tuberculosis, reportable forms: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	63	18	37	27	100	45
February.....	57	19	43	18	100	37
March.....	67	25	42	24	109	49
April.....	83	15	43	20	126	35
May.....	60	16	33	24	93	40
June.....	50	10	38	17	88	27
July.....	56	10	47	25	103	35
August.....	81	12	31	14	112	26
September.....	72	11	36	16	108	27
October.....	44	4	39	12	83	16
November.....	91	8	35	7	126	15
December.....	64	8	55	9	119	17
Total.....	788	156	479	213	1,267	369

TABLE 25b.—*Tuberculosis, reportable forms: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	6	3	50.0	6	6	100.0	12	9	75.0
1 to 4 years.....	9	5	55.5	13	9	69.2	22	14	63.7
5 to 9 years.....	19	5	26.3	16	5	31.2	35	10	28.6
10 to 19 years.....	75	14	18.7	64	28	32.5	139	47	30.2
20 to 29 years.....	263	47	17.9	190	52	27.4	453	99	21.9
30 to 39 years.....	183	22	12.0	123	60	48.8	306	82	26.8
40 to 49 years.....	105	18	17.1	47	45	9.5	152	63	38.4
50 to 59 years.....	62	22	35.5	10	6	60.0	72	28	38.9
60 to 69 years.....	46	13	39.1	4	2	50.0	50	15	30.0
70 years and over.....	20	7	35.0	6	.....	.....	26	7	26.9
Total.....	788	156	19.8	479	213	44.5	1,267	369	29.1

NOTE.—In addition to the above, 133 deaths occurred in 1921, the cases having been reported in previous years.

TABLE 26.—*Tuberculosis, pulmonary: Reported cases and deaths occurring in the District of Columbia from 1901 to 1921, inclusive, arranged by race and by months and years.*

Year.	January.				February.				March.				April.			
	Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
1901-1905 <sup>1</sup> .....			33	43			31	41			35	38			36	42
1906-1910 <sup>1</sup> .....			28	40			32	35			32	45			30	44
1911-1915 <sup>1</sup> .....	47	50	25	33	46	42	24	33	50	58	28	40	55	50	29	33
1916-1920 <sup>1</sup> .....	49	38	25	25	50	36	24	29	55	42	31	28	69	11	27	29
1921.....	60	37	20	21	56	43	16	21	65	41	24	19	81	43	25	22

Year.	May.				June.				July.				August.			
	Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
1901-1905 <sup>1</sup> .....			29	37			31	36			23	35			27	37
1906-1910 <sup>1</sup> .....			25	36			24	29			21	34			25	28
1911-1915 <sup>1</sup> .....	48	53	27	36	43	48	25	32	52	51	27	36	37	39	22	29
1916-1920 <sup>1</sup> .....	57	42	27	29	51	41	20	41	56	45	19	28	52	40	20	28
1921.....	59	33	24	28	48	38	16	16	56	47	11	24	79	31	15	24

Year.	September.				October.				November.				December.			
	Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.		Cases.		Deaths.	
	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.
1901-1905 <sup>1</sup> .....			25	29			27	32			30	32			27	36
1906-1910 <sup>1</sup> .....			24	35			25	35			19	35			29	38
1911-1915 <sup>1</sup> .....	40	44	20	26	40	38	20	31	40	38	25	28	38	35	24	29
1916-1920 <sup>1</sup> .....	43	33	18	24	46	38	21	27	49	31	21	23	41	45	20	22
1921.....	69	34	13	14	42	38	19	32	100	24	8	15	64	54	13	23

## SUMMARY.

Year.	Cases.		Deaths.		Total.	
	White.	Colored.	White.	Colored.	Cases.	Deaths.
1901-1905 <sup>1</sup> .....			354	438		792
1906-1910 <sup>1</sup> .....			314	434		748
1911-1915 <sup>1</sup> .....	537	549	299	385	1,086	685
1916-1920 <sup>1</sup> .....	618	428	319	313	1,090	588
1921.....	779	463	204	259	1,242	463

<sup>1</sup> Annual average for 5-year period.

NOTE.—The cases of 94 of the above deaths were reported in previous years.

TABLE 27.—*Typhoid fever: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	99	64	163	45.0	68.0	52.0	660	237	897	274.3	244.9	265.9	11.0	19.6	13.0
1906-1910 <sup>1</sup> .....	73	46	119	30.0	48.0	35.0	343	137	480	134.4	139.4	135.0	9.6	19.0	12.3
1911-1915 <sup>1</sup> .....	33	26	59	12.9	26.4	16.7	161	73	234	52.4	68.7	56.6	11.2	27.4	16.2
1916-1920 <sup>1</sup> .....	18	20	38	5.9	18.8	9.2	161	73	234	52.4	68.7	56.6	11.2	27.4	16.2
1921.....	17	12	29	5.0	10.7	6.4	161	34	195	47.1	30.3	42.9	10.6	35.3	14.9

<sup>1</sup> Annual average 5-year period.TABLE 27a.—*Typhoid fever: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	19	2	1	.....	20	2
February.....	9	3	.....	.....	9	3
March.....	7	.....	1	1	8	1
April.....	5	.....	1	.....	6	.....
May.....	5	.....	1	.....	6	.....
June.....	5	.....	5	2	10	2
July.....	23	4	7	2	30	6
August.....	28	3	7	3	35	6
September.....	21	4	3	1	24	5
October.....	12	1	4	2	16	3
November.....	5	.....	.....	.....	5	.....
December.....	22	.....	4	1	26	1
Total.....	161	17	34	12	195	29

TABLE 27b.—*Typhoid fever: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1 to 4 years.....	12	1	8.3	2	.....	.....	14	1	7.1
5 to 9 years.....	31	1	3.2	4	1	25.0	35	2	5.7
10 to 19 years.....	45	5	11.1	13	3	23.1	58	8	13.8
20 to 29 years.....	27	3	11.1	7	4	57.1	34	7	20.6
30 to 39 years.....	27	5	18.5	2	.....	.....	29	5	17.2
40 to 49 years.....	11	2	18.2	2	2	100.0	13	4	30.8
50 to 59 years.....	5	.....	.....	4	2	50.0	9	2	22.2
60 to 69 years.....	2	.....	.....	.....	.....	.....	2	.....	.....
70 years and over.....	1	.....	.....	.....	.....	.....	1	.....	.....
Total.....	161	17	10.5	34	12	35.3	195	29	14.9

TABLE 28.—*Whooping cough: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1921, inclusive.*

Year.	Deaths.			Death rates per 100,000.			Cases.			Case rate per 100,000.			Percentage of deaths to cases.		
	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.	W.	C.	Total.
1901-1905 <sup>1</sup> .....	27	50	77	12.0	53.0	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
1906-1910 <sup>1</sup> .....	15	23	38	6.6	24.0	11.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
1911-1915 <sup>1</sup> .....	10	19	29	3.9	19.3	8.2	525	197	722	205.8	200.4	201.3	1.9	9.6	4.0
1916-1920 <sup>1</sup> .....	11	16	27	3.6	15.0	6.5	1,149	270	1,419	374.2	254.3	343.4	0.9	5.9	1.9
1921.....	5	5	10	1.5	4.4	2.2	932	161	1,093	272.8	143.3	240.7	0.5	3.1	0.9

<sup>1</sup> Average for 5-year period.TABLE 28a.—*Whooping cough: Reported cases and deaths, by race and by months, during the calendar year 1921.*

Month.	White.		Colored.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January.....	102	.....	12	.....	114	.....
February.....	105	.....	24	.....	129	.....
March.....	121	.....	23	.....	144	.....
April.....	148	2	31	2	179	4
May.....	88	1	17	.....	105	1
June.....	83	.....	15	.....	98	.....
July.....	87	1	14	.....	101	1
August.....	72	.....	10	1	82	1
September.....	48	1	4	.....	52	1
October.....	24	.....	3	1	27	1
November.....	22	.....	2	.....	24	.....
December.....	32	.....	6	1	38	1
Total.....	932	5	161	5	1,093	10

TABLE 28b.—*Whooping cough: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1921.*

Age.	White.			Colored.			Total.		
	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.	Cases.	Deaths.	Per-centage of deaths to cases.
Under 1 year.....	85	2	2.3	40	1	2.5	125	3	2.4
1 to 4 years.....	368	2	.5	46	4	8.7	414	6	1.4
5 to 9 years.....	404	1	.2	48	.....	.....	452	1	.2
10 to 19 years.....	55	.....	.....	25	.....	.....	80	.....	.....
20 to 29 years.....	12	.....	.....	.....	.....	.....	12	.....	.....
30 to 39 years.....	6	.....	.....	1	.....	.....	7	.....	.....
40 to 49 years.....	.....	.....	.....	1	.....	.....	1	.....	.....
50 to 59 years.....	1	.....	.....	.....	.....	.....	1	.....	.....
60 to 69 years.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70 years and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	932	5	2.5	161	5	3.1	1,093	10	.9

TABLE 29.—*Population and deaths, by race, in the District of Columbia from pneumonia, bronchitis, and congestion of the lungs, and from said diseases taken together, and showing also the death rate per 100,000 of each of such classes of deaths.*

Calendar year.	Population.		Pneumonia.				Bronchitis.			
			White.		Colored.		White.		Colored.	
	White.	Colored.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.
1901-1905 <sup>1</sup> .....	217,606	93,719	219	101	288	307	55	25	80	85
1906-1910 <sup>1</sup> .....	240,244	96,696	246	102	304	314	61	25	67	69
1911-1915 <sup>1</sup> .....	255,360	98,453	262	103	285	289	51	20	42	43
1916-1920 <sup>1</sup> .....	307,076	106,194	427	139	382	360	43	14	31	29
1921.....	341,662	112,364	282	83	267	138	36	10	36	32

Calendar year.	Population.		Congestion of lungs.				Pneumonia, bronchitis, and congestion of lungs.			
			White.		Colored.		White.		Colored.	
	White.	Colored.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.	Deaths.	Death rate per 100,000.
1901-1905 <sup>1</sup> .....	217,606	93,719	33	15	25	27	307	141	393	419
1906-1910 <sup>1</sup> .....	240,244	96,696	27	11	13	13	334	139	384	397
1911-1915 <sup>1</sup> .....	255,360	98,453	13	5	7	7	326	128	334	339
1916-1920 <sup>1</sup> .....	307,076	106,194	7	2	2	2	476	155	415	391
1921.....	341,662	112,364	2	1	5	4	320	94	308	274

<sup>1</sup> Annual average for 5-year period.TABLE 30.—*Births (stillbirths excluded) reported during the calendar year 1921, arranged by months, by race and sex, by illegitimacy and according to professional attendance.*

Month.	Total.	White.		Colored.		Twins.		Illegitimate.		Attended by physicians.		Attended by midwives.	
		Male.	Female.	Male.	Female.	W.	C.	W.	C.	W.	C.	W.	C.
January.....	792	301	260	113	118	10	4	13	37	533	216	28	15
February.....	774	273	276	100	125	10	8	9	53	524	199	25	26
March.....	768	277	275	107	109	10	.....	12	31	534	198	18	18
April.....	700	258	246	92	104	8	6	13	37	486	178	18	18
May.....	722	267	259	96	100	12	.....	12	33	508	178	18	18
June.....	728	247	248	122	111	4	6	12	37	482	216	13	17
July.....	735	273	256	88	118	6	10	14	28	523	195	6	11
August.....	770	285	273	104	108	8	8	4	33	544	196	14	16
September.....	750	289	256	113	92	12	6	6	23	530	192	15	13
October.....	756	310	246	93	107	8	4	12	32	542	185	14	15
November.....	771	303	273	121	114	2	2	12	31	519	223	17	12
December.....	762	275	262	123	102	6	4	8	34	516	218	21	7
Total....	9,028	3,358	3,090	1,272	1,308	96	58	127	409	6,241	2,394	207	186



TABLE 31.—*Reported births (stillbirths excluded) in institutions in the District of Columbia, by race and place of birth, during the calendar year 1921.*

Hospitals.	White.	Colored.	Total.
Blue Plains.....	1	2	3
Carson's Private.....	1	5	6
Casualty.....	2	.....	2
Columbia.....	942	385	1,327
Emergency.....	7	.....	7
Florence Crittenden.....	30	.....	30
Freedmen's.....	2	370	372
Garfield.....	421	95	516
Georgetown University.....	442	56	498
George Washington University.....	170	1	171
National Homeopathic.....	161	.....	161
Providence.....	424	.....	424
Sibley Memorial.....	977	.....	977
St. Ann's Asylum.....	40	.....	40
St. Elizabeths.....	1	.....	1
United States Army College.....	1	.....	1
Walter Reed.....	142	.....	142
Washington Asylum.....	8	73	81
Washington Sanitary Mission.....	19	1	20
Total.....	3,791	988	4,779

TABLE 32.—*Births (stillbirths excluded) reported in the District of Columbia, arranged by race and by legitimacy and illegitimacy, and number of multiple births for the years mentioned.*

Calendar years.	Legitimate.			Illegitimate.			Total.			Twins.			Triplets.		
	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	All.	White.	Colored.	Total.	White.	Colored.	Total.
1896-1900 <sup>1</sup> .....	2,712	1,380	4,092	86	491	577	2,798	1,871	4,669	71	42	113	1	.....	1
1901-1905 <sup>1</sup> .....	3,335	1,499	4,834	95	481	576	3,430	1,980	5,409	72	52	124	1	.....	3
1906-1910 <sup>1</sup> .....	4,533	1,786	6,319	99	482	581	4,632	2,268	6,900	84	46	130	1	1	2
1911-1915 <sup>1</sup> .....	4,690	1,769	6,459	104	464	568	4,794	2,234	7,028	78	52	130	1	1	2
1916-1920 <sup>1</sup> .....	5,641	1,889	7,530	105	391	496	5,746	2,279	8,025	105	50	155	.....	.....	.....
1921.....	6,321	2,171	8,492	127	409	536	6,448	2,580	9,028	96	58	154	.....	.....	.....

<sup>1</sup> Annual average for 5-year period.

TABLE 33.—Stillbirths reported in the District of Columbia during the calendar year 1921 by race and sex, and certain data relative thereto.

	White.			Colored.			Unknown race.			Total
	Male.	Female.	Sex un-known.	Male.	Female.	Sex un-known.	Male.	Female.	Sex un-known.	
Legitimacy:										
Legitimate.....	133	80	2	106	62	1				384
Illegitimate.....	4	5		31	26	1				67
Unknown.....	1			2	2		12	12	21	50
Total.....	138	85	2	139	90	2	12	12	21	501
Period uterogestation:										
4 months and under.....	11	3	2	4	2	1	1	2	19	45
5 months.....	4	6		7	4			1	1	23
6 months.....	14	11		15	15		4	2	1	62
7 months.....	21	9		22	12		2			66
8 months.....	17	13		32	17		4	6		89
9 months.....	30	18		44	30	1	1	1		125
10 months.....	41	25		15	10					91
Total.....	138	85	2	139	90	2	12	12	21	501
Causes:										
Precipitous labor.....	1	1								2
Deformed pelvis.....	2	1								3
Injury to mother (fall).....	1	2								3
Premature rupture of amnion.....	2									2
Placenta previa.....	2			4						6
Premature labor.....	5	2		2						9
Intra rarial pressure.....	2	1								3
Separation of placenta (premature).....	4	4		5	2					15
Asphyxia palida.....	4	5		2	1					12
Hydrocephalus.....	1	1	1							3
Anencephalus.....	1	1								2
Arrested development.....	1	1								2
Fright.....	2									2
Nephritis (mother).....	5	5		3	4					17
Malpresentation.....	5	3		3						11
Pernicious vomiting.....	2									2
Maternal operation.....	2									2
Maternal illness.....	4	1		2	1					8
Prolapsed funis (strangulated).....	15									44
Syphilis.....		8		16	5					25
Over exertion of mother.....		2		12	11					10
Malformations.....		1		5	4					3
Malformations.....		2				1				1
Dropsy of cord.....		1								1
Lack of medical attention.....		1								2
Hydramnios.....					2					
Tetanic uterine contractions.....					1					1
Dystocia.....					2					2
Unknown.....	77	42	1	85	57	1	12	12	21	308
Total.....	138	85	2	139	90	2	12	12	21	501